Installation + User manual

Exact Synergy Enterprise Workflow Plus Version 19

GLM Systems

Version 2.7
Version date 21 Jan 2015

Contents

1. Introduction 4
1.1 Revision 4

2. Installation 5
2.1 Run the installer 5
2.2 Copy the license file 6
2.3 Generate metadata 6

3. License 8

4. Setup 9
4.1 Introduction 9
4.2 Multiple approval 10
4.3 Visibility request field based on security level or role 12
4.4 Fields only editable in new mode 13
4.5 Email notification 16
4.6 Email 18
4.7 Purchase Limit 19
4.7.1 Setting up multiple purchase limits 20
4.8 Free fields 23
4.8.1 Additional Free Fields 23
4.8.2 Free text fields: hyperlink / url 25
4.8.3 Free fields table and field names 26
4.9 Browse fields 34
4.9.1 Creating a new browser 36
4.9.2 New browser: Accounts per manager 39
4.9.3 New browser: Purchase orders from Macola back office 42
4.9.4 Existing browser: Sales order back office Exact Globe 44
4.9.5 Item field depending on assortment freefield: Browser dependency on other request field in the request 46

5. Reference field 49
5.1.1 New reference: email + phone number of person 49
5.1.2 New reference: address detail for parent account 49
5.2 Role Access Level 50

6. Troubleshooting 52

6.1 Opening workflow plus settings: Failed to initialize Repository Business Component 'GLMSysWflEmailNotification'..... 52

6.2 Opening a request: Non-existing property 'WorkflowOrigin' retrieved for Repository business Component..... 53

6.3 Repository failed to create class "GLMSys.WorkflowPlus.Repository.RequestExtension' from assembly..... 53

6.4 Workflow email notification: Failure sending email. The remote name could not be resolved '[your email server]'..... 54

6.5 Workflow email notification: Value cannot be null. Parameter name address..... 54

6.6 Server Error or Compilation error..... 54

6.7 Email is not send out and no message in the error log (1)..... 55

6.8 Email is not send out and no message in the error log (2)..... 55

6.9 Browser: The following result columns where not found in the column info..... 56

6.10 Browser: You have insufficient rights to perform this operation..... 56

6.11 No Valid License Installed..... 57

7. Uninstall..... 58

1. Introduction

This document is for the installation and use of the features part of the Workflow Plus add-on. The following Workflow Plus add-ons are available and explained:

- Multiple approval
- Visibility request field based on security level or role
- Email notification
- Email
- Purchase Limit
- Free fields
- Browse fields
- Reference fields

1.1 Revision

Version	Date	Author	Description
1.0	23-04-2012	Gijs Lamers	First version
2.0	21-09-2013	Gijs Lamers	General update for the manual
2.1	17-10-2013	Gijs Lamers	Freefield extended to 50 and 10 additional free comment fields
2.2	09-01-2014	Gijs Lamers	License expiry message in left menu Extended role access level control
2.3	14-01-2014	Gijs Lamers	Updates based on comments Donas Group (Dave Kloepfer)
2.4	16-03-2014	Gijs Lamers	Version 13, support for browse field dependency on other request fields
2.5	02-06-2014	Gijs Lamers	Version 15, suppport for url links for free text fields
2.6	31-10-2014	Glenn Madjid	Text updates
2.7	21-01-2015	Gijs Lamers	Multiple purchase limits, Added list of free field columns

2. Installation

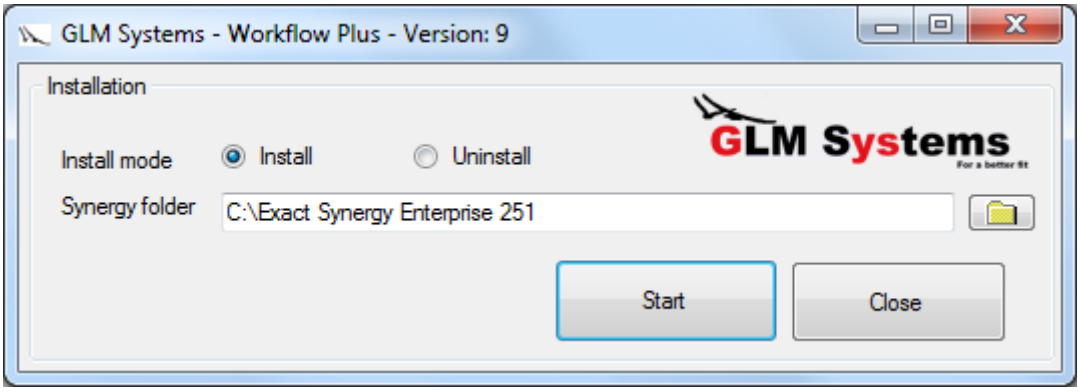
The installation consists of 3 steps:

1. Run the installer
2. Copy the license file
3. Generate metadata for email functionality

2.1 Run the installer

The installer as delivered contains an installer executable GLMSysAddOnInstaller.exe. To install the add-on run this executable.

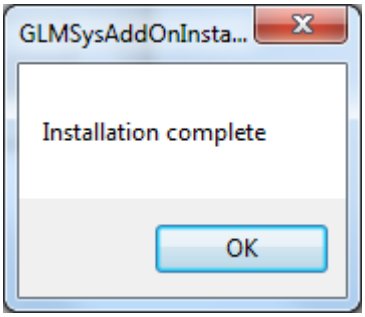
When starting the GLMSysAddOnInstaller.exe the following screen will be shown:



The title of the screen shows which version of the Workflow Plus add-on is being installed.

Choose the install mode 'Install' and in the 'Synergy folder' field select the location where Synergy is installed.

After the 'Synergy folder' is selected click start and the installation will start. When finished succesfully the following message is shown.



2.2 Copy the license file

With the setup of the Workflow Plus add-on you should have received a license file GLMSys.License.[Your exact license number].xml. For the Workfow Plus add-on to work you need to copy this file to the Synergy xml folder.

In case you have the Event Manager from Vineyardsoft (KnowledgeSync Product) installed you will need to copy the license file also to the location where the Event Manager is looking for the Synergy files. This could be the Vinyard installation folder or a self defined folder.

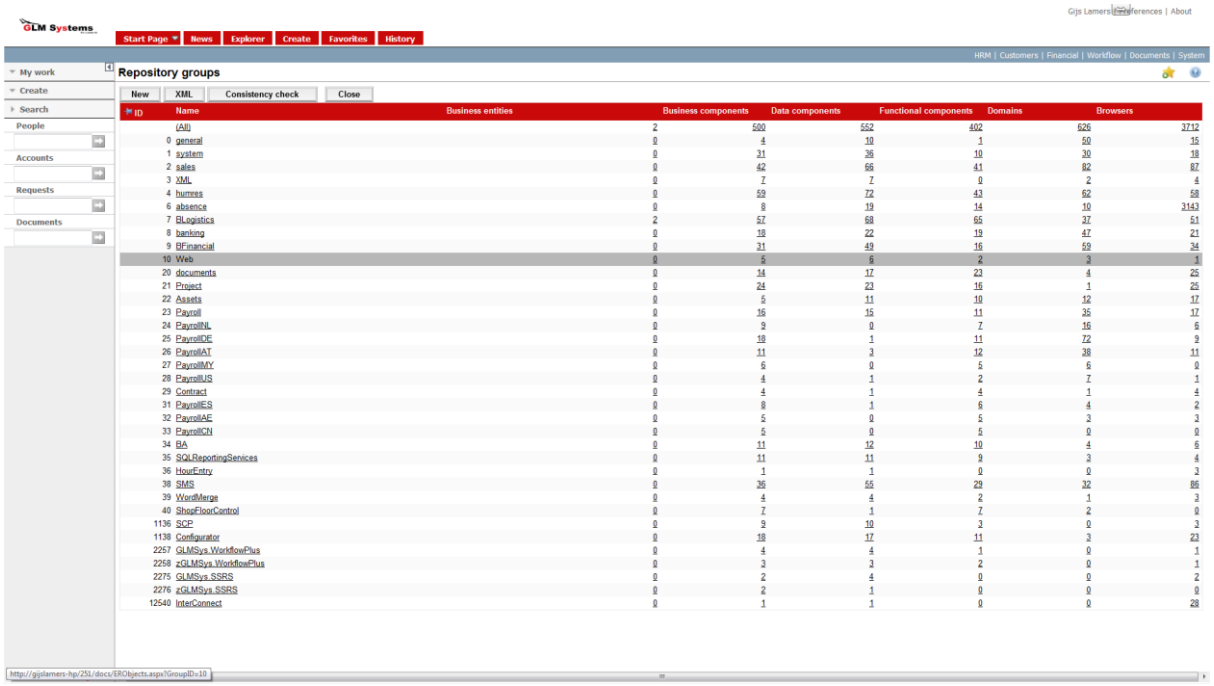
2.3 Generate metadata

If you are using the GLM tool(s) Workflow Plus e-Mail and/or Workflow Plus e-Mail Notification, then this step must be taken. If you are not using these functions, you may disregard this section.

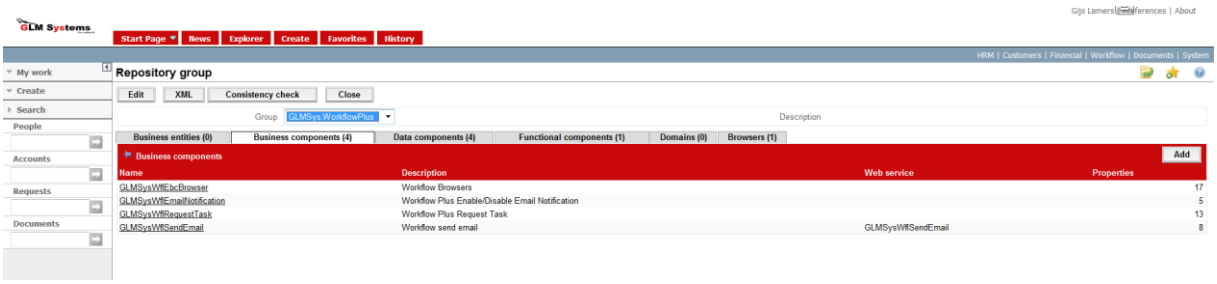
After the intallation and copying the license file open Synergy and when you install the Workflow Plus add-on for the first time the following screen will be shown:

When clicking update the database and repository of Exact Synergy will be updated to enable the Workflow Plus add-on.

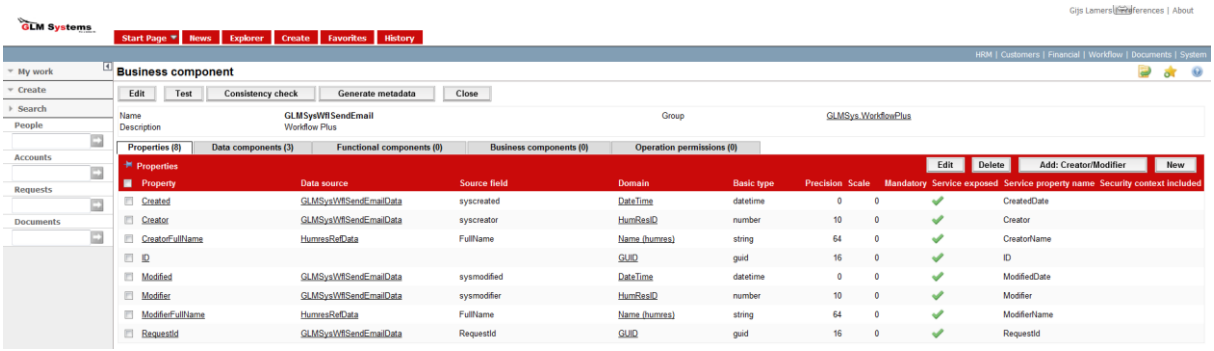
After the update go to System – Setup – Repository - Explorer. Look for the repository group GLMSys.WorkflowPlus (ID 2257) and open this repository group.



After opening the group look for the business component GLMSysWflSendEmail and open the businesss component.

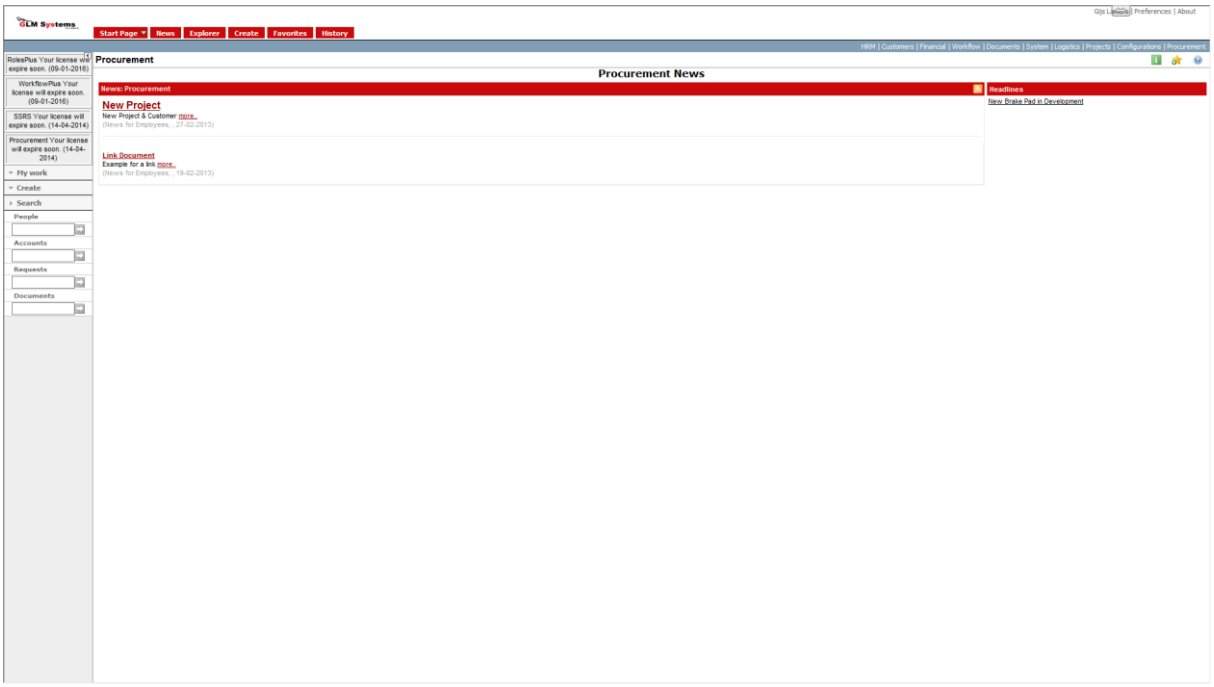


In the business component click 'Generate metadata'. This will update the file Exact.ServiceLocation.config. This update is needed to enable the email functionality.

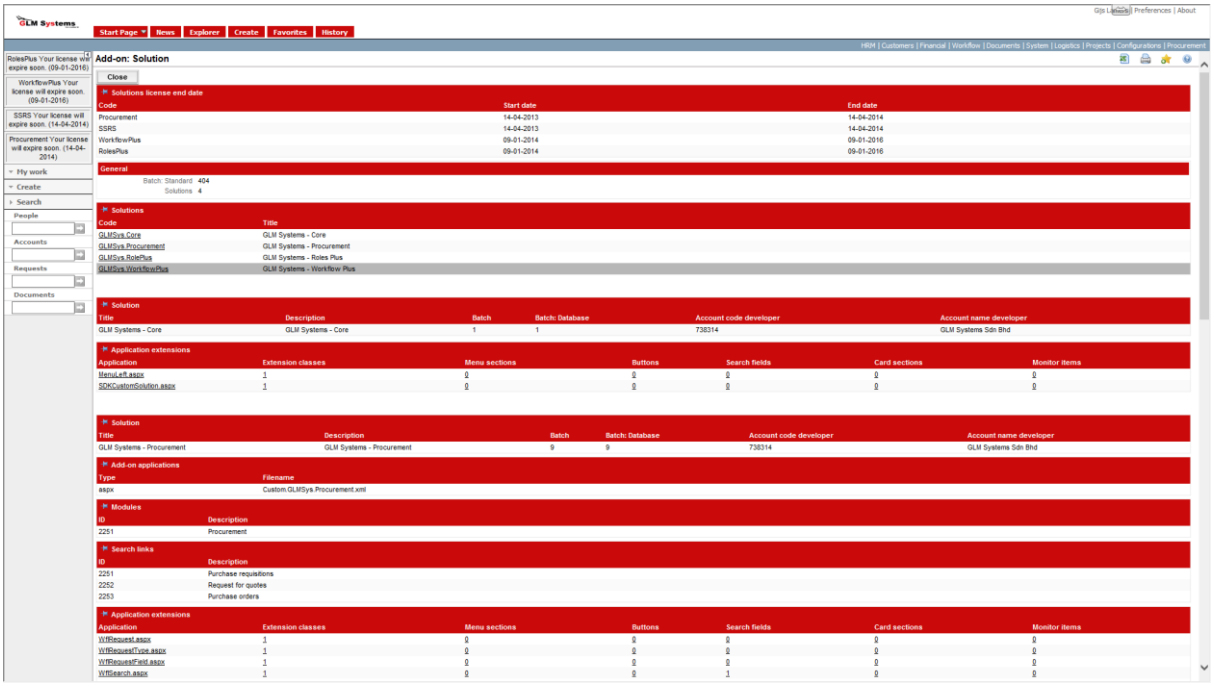


3. License

The license has an end date. When the end date is within one month a license message will be shown in your left menu. This is to inform you that you have to request for a new license.



You can see when your license will expire via the menu system – reports – add–ons – solutions. The first table will display the add-on license start date and end date.

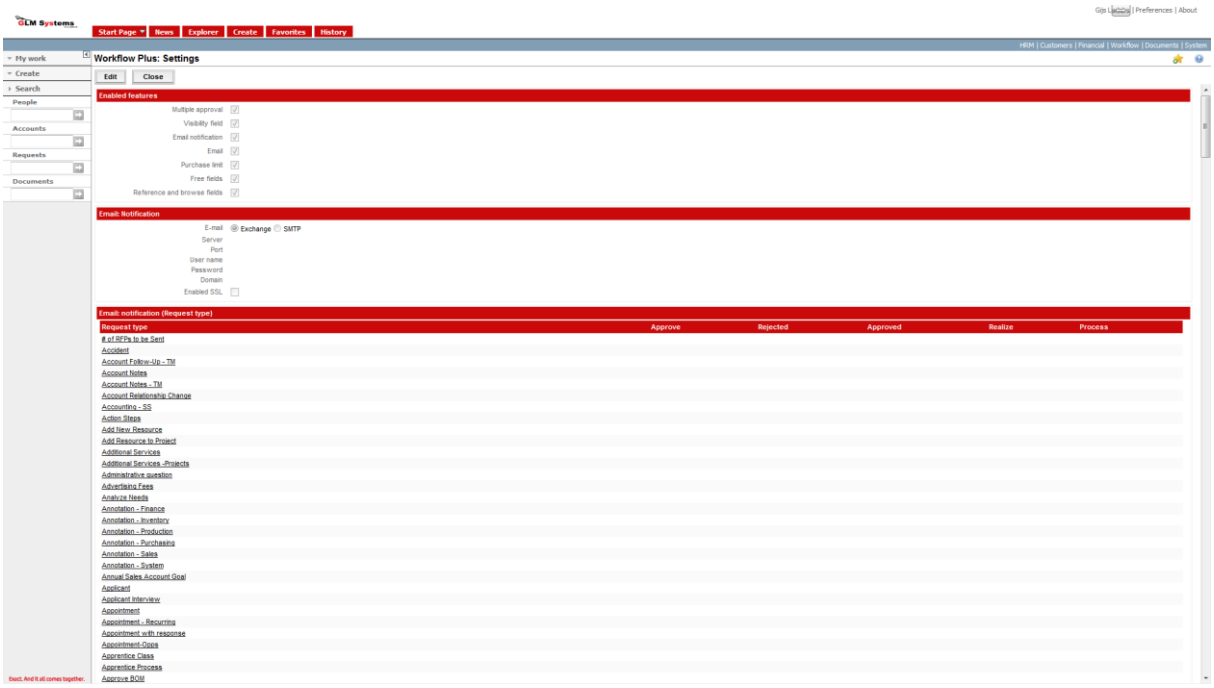


4. Setup

4.1 Introduction

This setup chapter will describe how to setup the modules: Multiple Approval, Visibility request field based on security level or role, Email notification, Email, Free fields, Purchase limit, Browse and Reference field which are all part of the Workflow Plus add-on. Which module(s) is/are avalaible in your license depends on the module(s) you have purchased.

Under the Workflow / Setup / General menu their is a new function 'Settings: Workflow Plus' this function is to maintain the settings of the Workflow Plus add-on and it will show which features are enabled.



4.2 Multiple approval

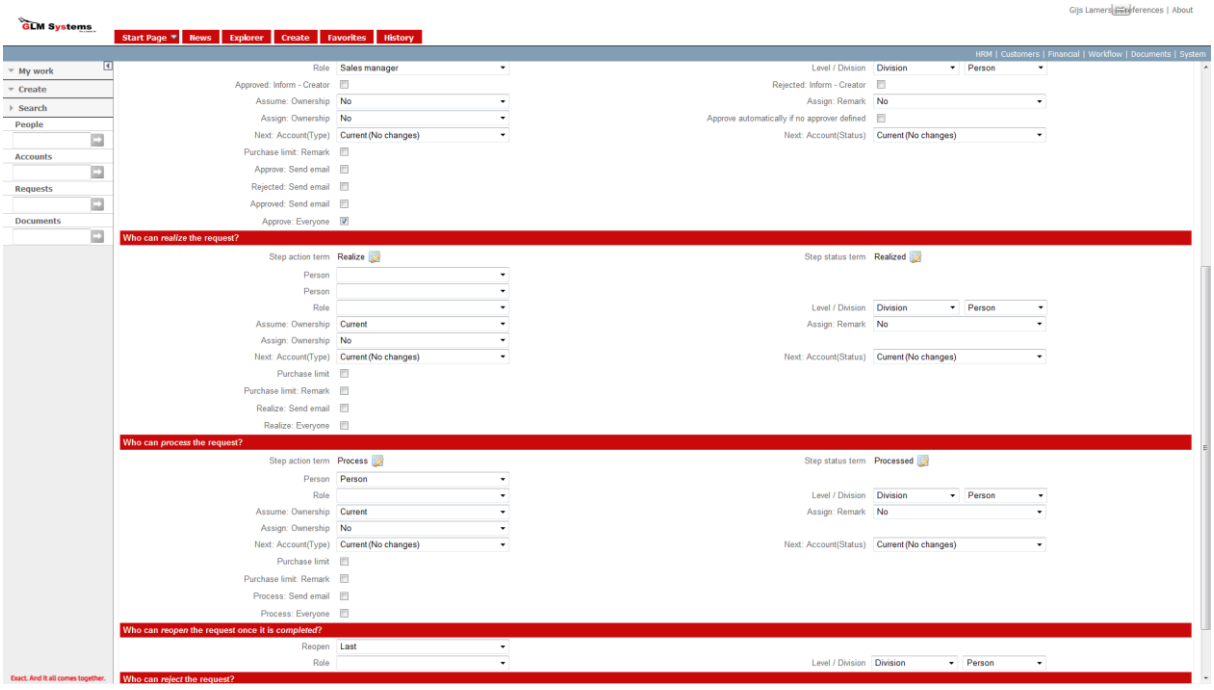
When the multiple approval feature is used it will only go to the next stage / step in the workflow when all involved users have completed their action. For example when you enable the multiple approve for the approve stage where a role is linked and this role has 3 users all of the users should approve before the request will go to the realize stage.

For the multiple approvals the setup is done in the maintenance of the request type in the 'flow' section.

Determine the request type where you want to have multiple approval, realization or processing and open the maintenance for this request type in Workflow / Setup / Requests / Request Types.

At the flow tab there are three extra checkboxes for the multiple approval:

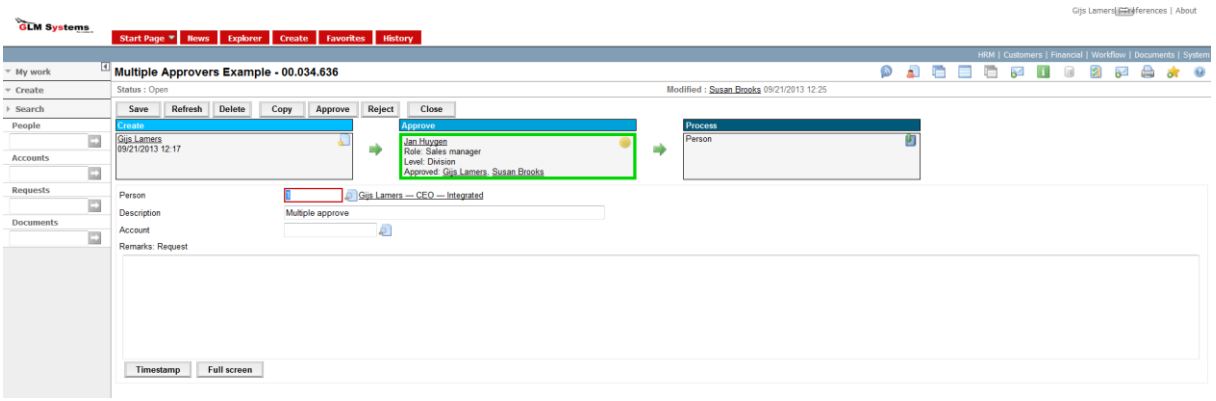
- Approve: everyone
- Realize: everyone
- Process: everyone



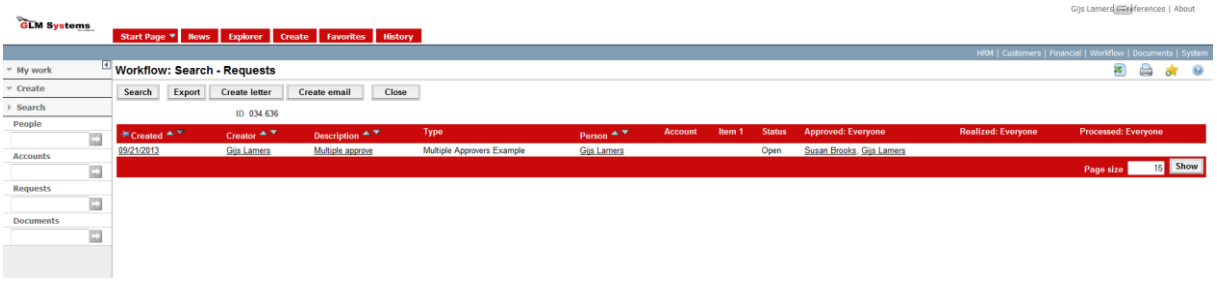
Based on the business requirement from the user you can determine which step in the process flow needs action from each user before the request will go to the next status in the process.

When enabling/checking the 'approve: everyone' means that all users which have the request in their workflow will need to approve before the request will go to the next status for realization or processing. Similar logic applies for 'Realize: everyone' and 'Process: everyone'

For a request with the multiple approval enabled it will show additional information in the steps displayed in the request. It will show the name(s) of the person(s) that already have approved the request in addition who still needs to approve the request.



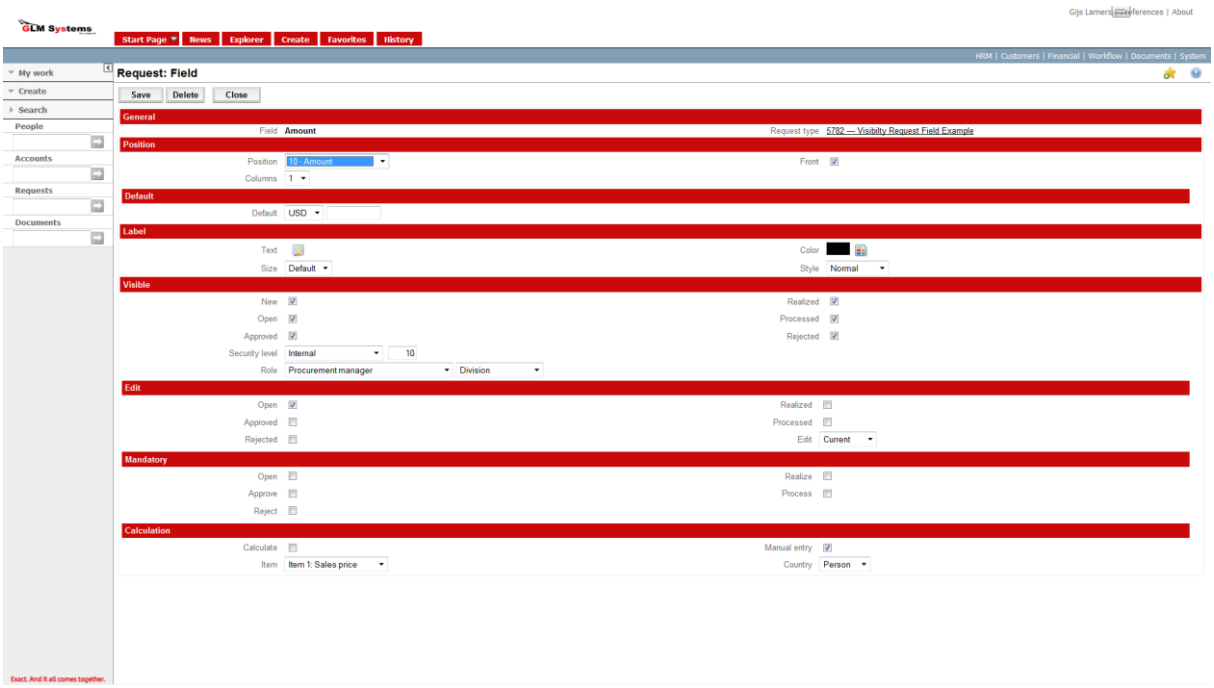
In the workflow search three new columns ‘Approved: everyone’, ‘Realized everyone’, ’Processed everyone’ are available which shows all the users who approved, realized or processed. The columns can be added via the customize function of the workflow search.



4.3 Visibility request field based on security level or role

The setup of the visibility request field is done at the request field as part of the maintenance of the request type. When opening a specific 'request field' or 'request section' there are two new fields in the visible section:

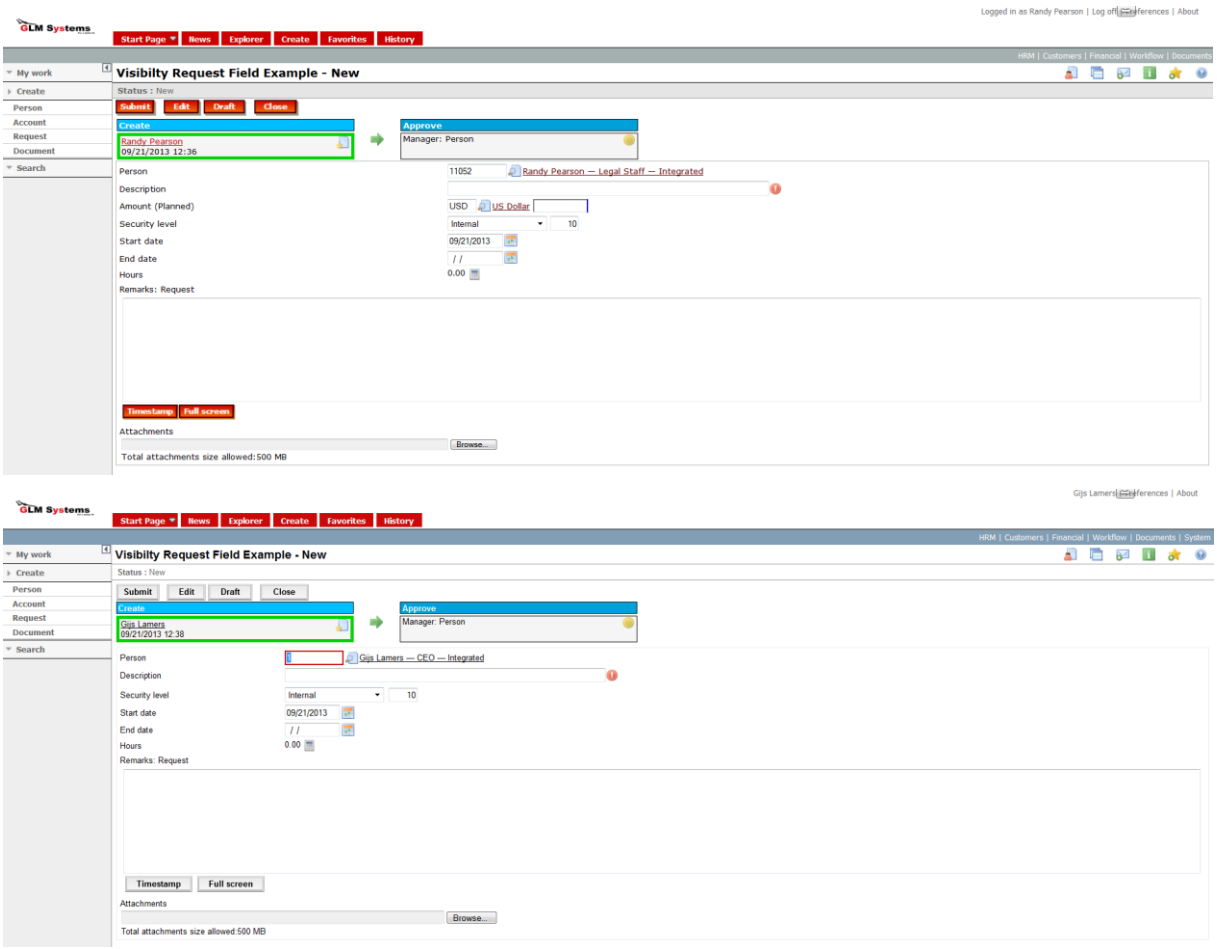
- Security level
- Role



To determine who can view a request field set the specific security level or role.
Persons who can view the request but have a lower security level as defined for a specific field will not see this field. Persons who have the same or a higher security level will see this specific field.

Same logic applies for the role where only person with the role as defined for a specific field will be able to see the field in the request. If a person doesn't have the role then this person will not be able to see this field.

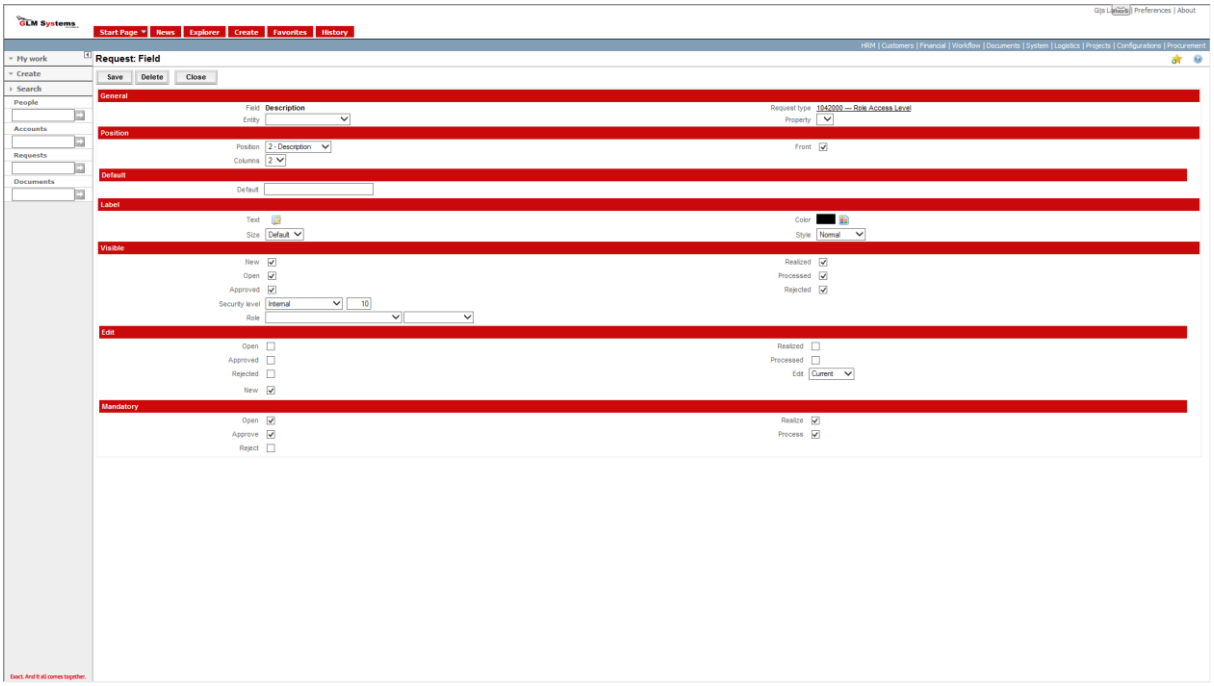
In the setup as shown before where the field is only visible for the procurement manager, only he will be able to see the field when creating a new request. For a person without the procurement manager role the field will not be visible.

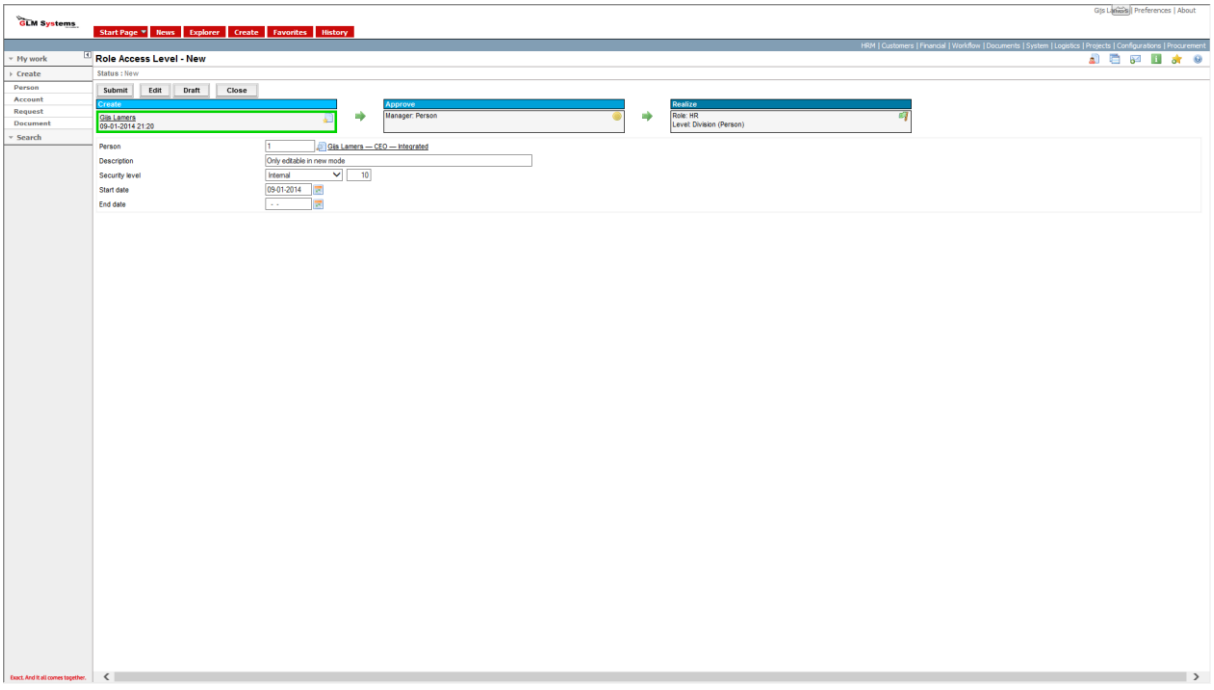


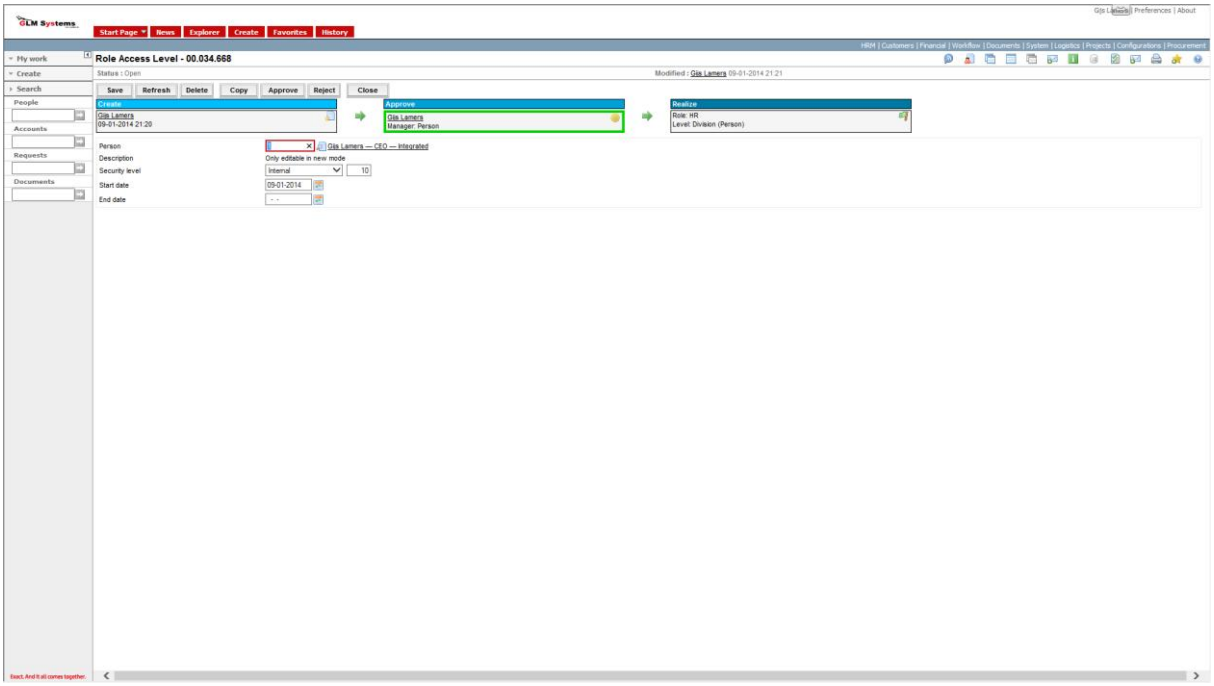
4.4 Fields only editable in new mode

In the request definition you can set if a request field can be edited in open, approve, realize or process status. In the standard request definition it is not possible to make a field editable in new status but non editable in the other statuses.

An additional option is added to the request field definition which makes it possible to set the editable option for the new mode.


Start Page
News
Explorer
Create
Favorites
History
Request: Field
Save
Delete
Close
General
Position
Default
Label
Visible
Edit
Mandatory


Start Page
News
Explorer
Create
Favorites
History
Role Access Level - New
Submit
Edit
Draft
Close
Create
Approve
Realize

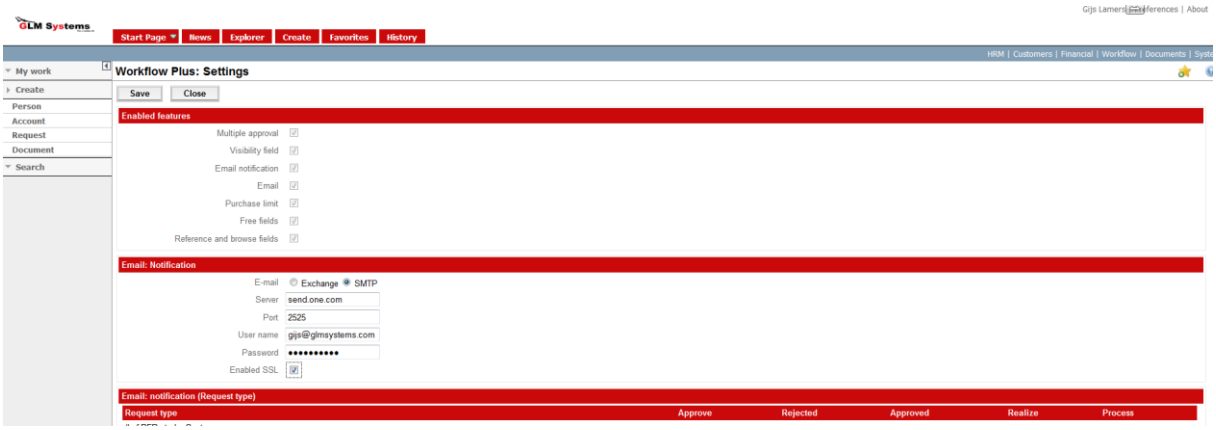

Start Page
News
Explorer
Create
Favorites
History
Role Access Level - 00.034.668
Save
Refresh
Delete
Copy
Approve
Reject
Close
Create
Approve
Realize
Person
Description
Security level
Start date
End date

4.5 Email notification

The email notification feature will automatically send an email when the recipient receives a new request in the workflow. For persons who don't want to receive this email this feature can also be disabled.

The setup for the email notification is done at in the 'Workflow Plus – Settings' page and in the request type maintenance.

To be able to send the email, the email server details need to be defined in 'Workflow Plus: Settings' application.



Fields to setup the email server in the 'Workflow Plus – Settings' are (settings can only be maintained by the administrator):

E-mail: Exchange or SMTP

Server: Server which has the email program to send from

Port: Port to use to send the email to the email server, optional

User name: User name which will be used to login in to the email server

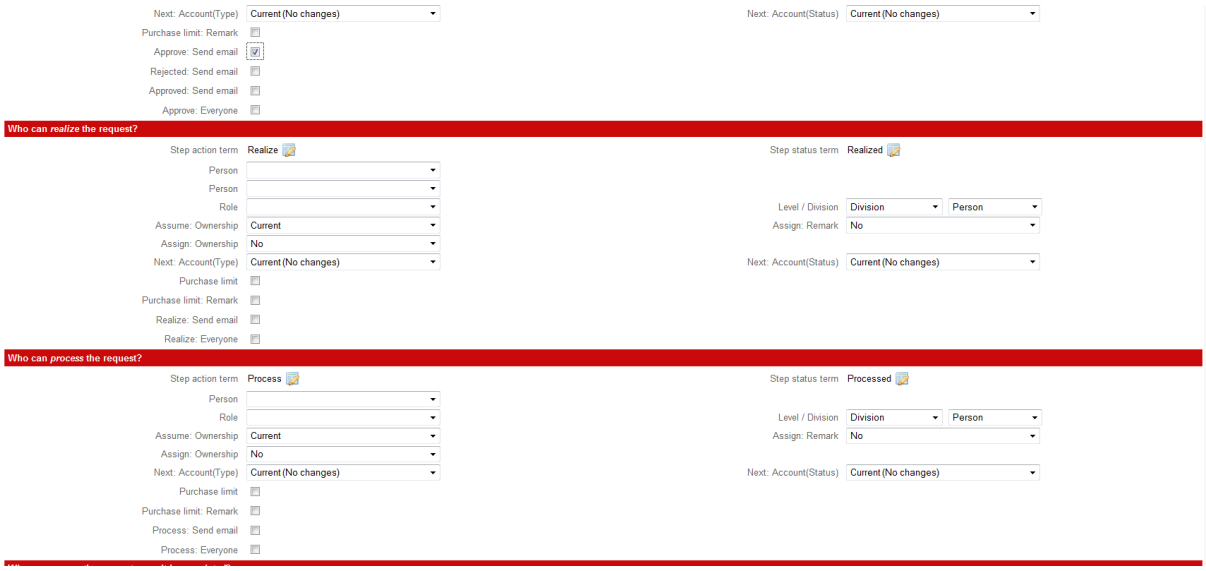
Password: Password to login to the email server

Enabled SSL: Enable or disable SSL

In the settings there is also a list of request types and their respective actions. Each user can open the 'Workflow Plus – Settings' and by clicking on the 'send email' check or cross, each user can choose if he/she wants to receive a notification email, yes or no.

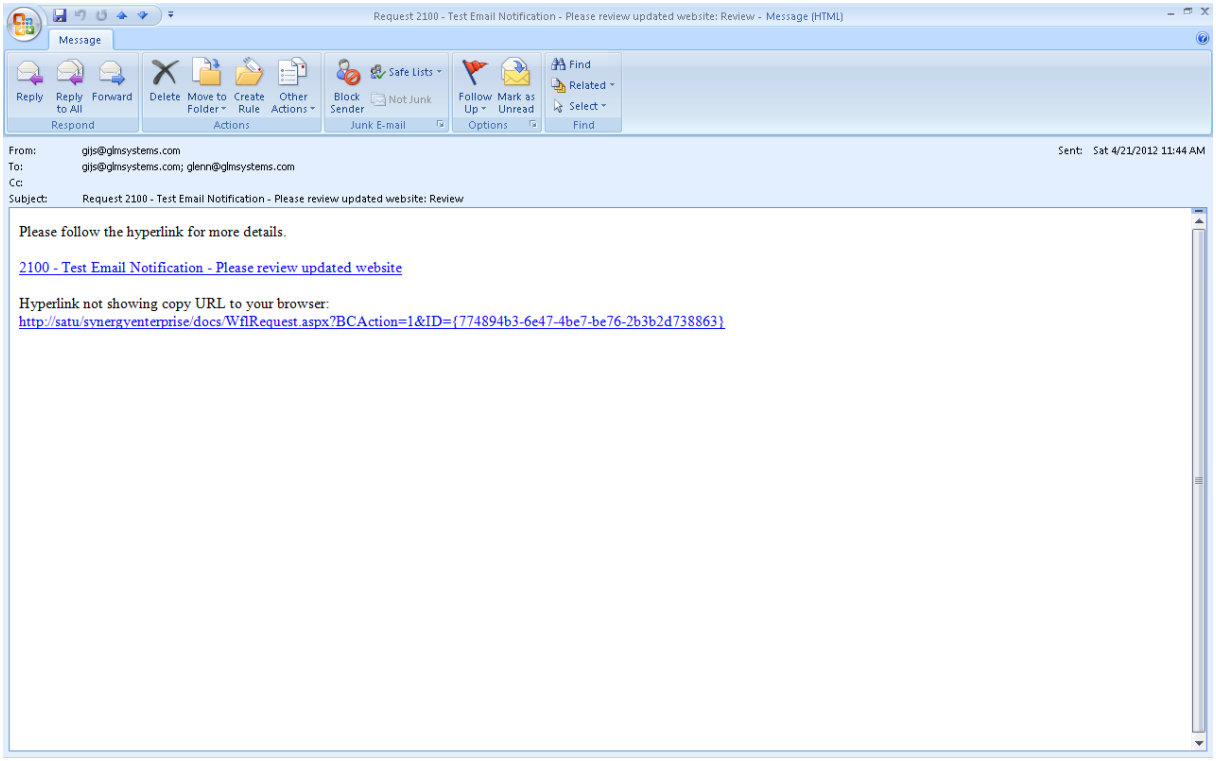
In the request type maintenance 'Flow' tab there are 5 new fields:

- Approve: Send email
- Rejected: Send email
- Approved: Send email
- Realize: Send email
- Process: Send email

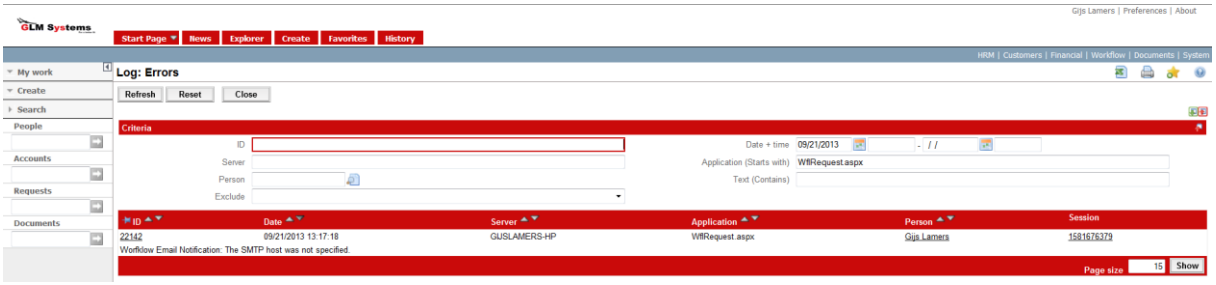


Check/Enable the option based on which action/process step you want to inform the person by email that he/she received a new request in the workflow.

Once the setup is completed and all is setup correctly the user will receive the following standard email message.



In case the email is not received any error can be checked via System / Reports / Log / Errors

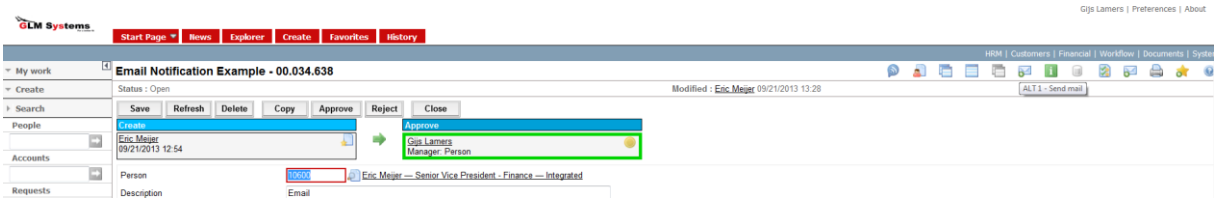


4.6 Email

The standard request functionality has the option to send an email via Outlook but the attachments or attachments linked to a document can't be attached to the email. The Email module allows for sending an email directly from the request without having Outlook and also has the option to include attachments related to the request if needed.

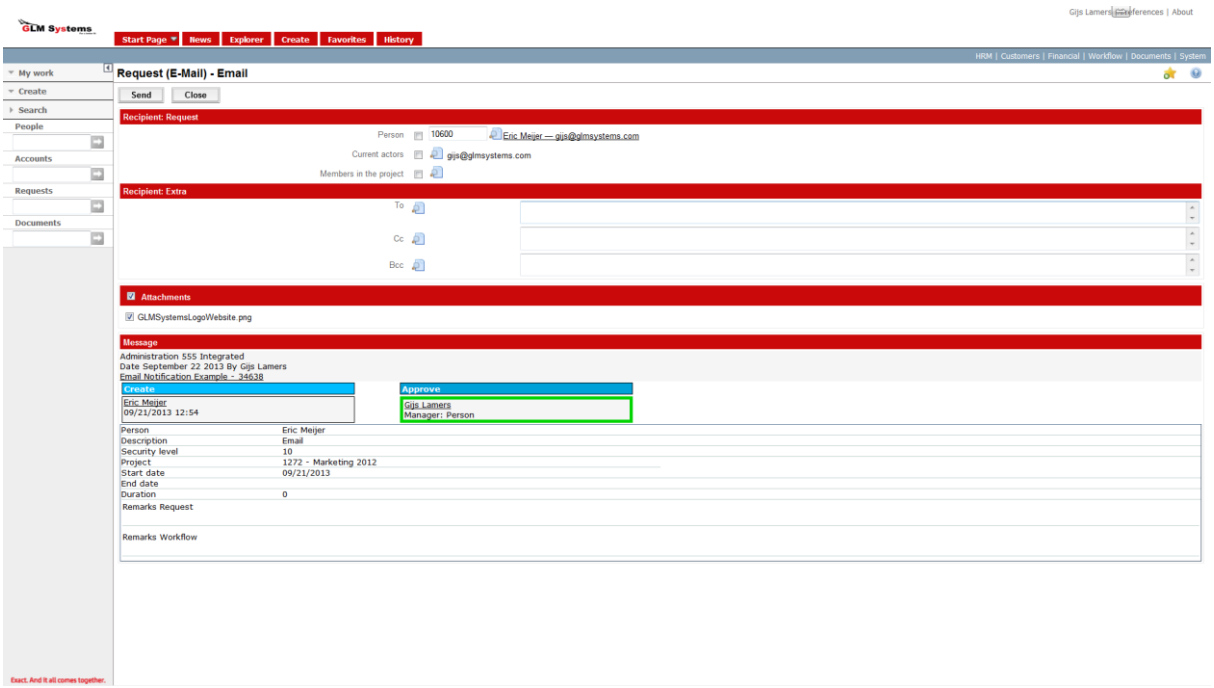
For the setup of the email server see 4.5 Email notifications.

In the request a new email icon toolbar button is available. When clicking this button it will redirect to a new screen from where you can send the email.



In the screen you have the option to select the email from a person, current actions and / or project members.

The other option is to select any email from Synergy or entering the email manually.



4.7 Purchase Limit

In the standard request type definition at the approve stage you have the option to enable the purchase limit check. The purchase limit set at the resource card will be checked against the amount in the request. In case the amount in the request is above the purchase limit of the person it will look for the next person who has a high enough limit to approve.

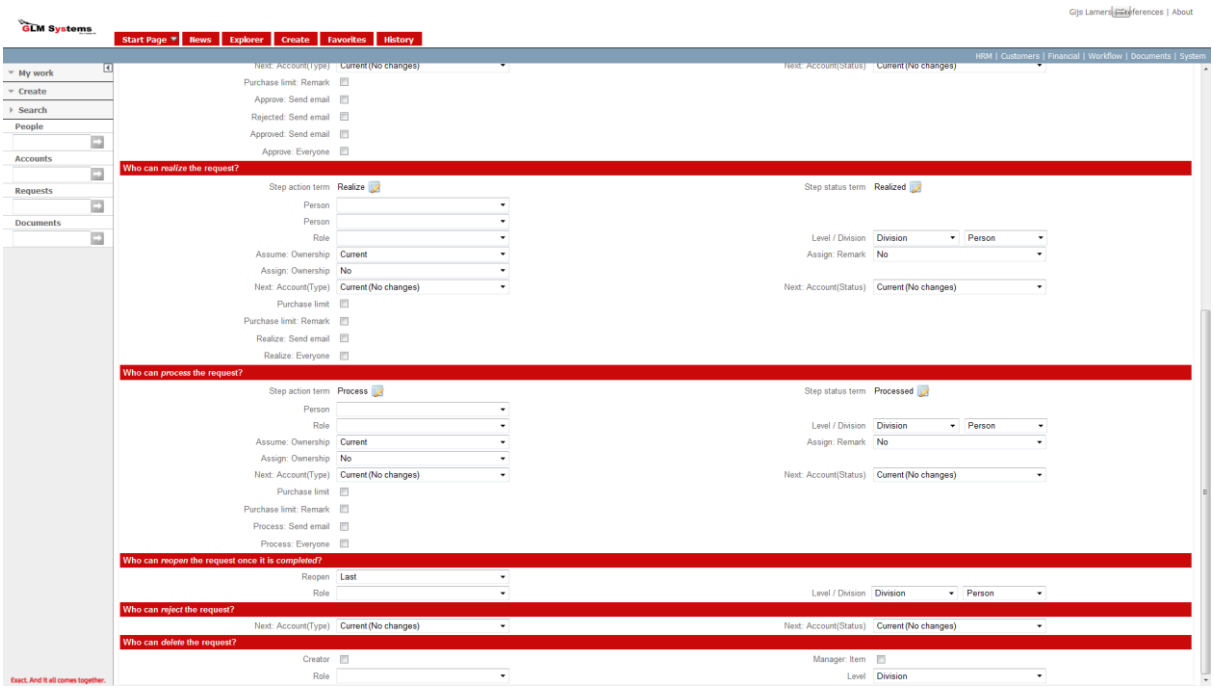
The Purchase Limit module also enables this option for the realize stage and the process stage. In the request definition there are five extra options:

- Approve - Purchase limit: remark
- Realize – Purchase limit
- Realize – Purchase limit: remark
- Process – Purchase limit
- Process – Purchase limit: remark

When enabling this feature you can enable the purchase limit check also for the workflow realize and process step.

The purchase limit check has additional features which are not available in the standard purchase limit check.

- Multiple purchase limits can be linked to a person. Normally only one purchase limit can be linked to a person but now it is possible to have multiple purchase limits per person which have different rules/checks. This allows to setup a purchase limit for purchasing of office supply (non inventory items) which will normally have a lower limit and setting up a purchase limit for items needed for your production or project.
- When a role is used and there is nobody in a role level with a high enough limit it will look at a higher level. For example in the division there is no person within the role with a high enough purchase limit then it will look for a person with the same role at group level.

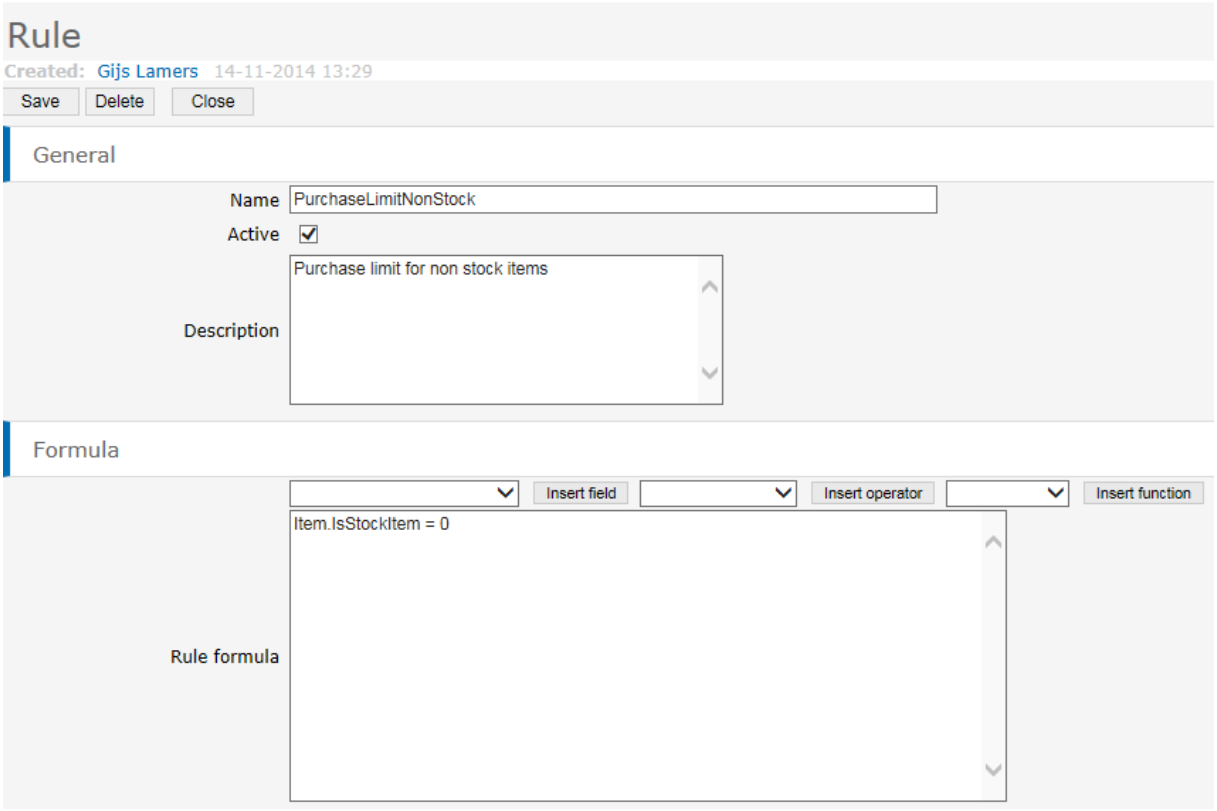


4.7.1 Setting up multiple purchase limits

Before the purchase limits can be set at the person the rules need to be defined for does purchase limits. This can be done in the Rules menu (enable the menu via preferences).

In this example we will setup a rule for inventory and non-inventory items. These rules will be later linked to the purchase limit and set in the request definition.

Open the rules via the rules menu, click new to create a new rule.



Name: The name of the rule

Active: Is the rule active or not

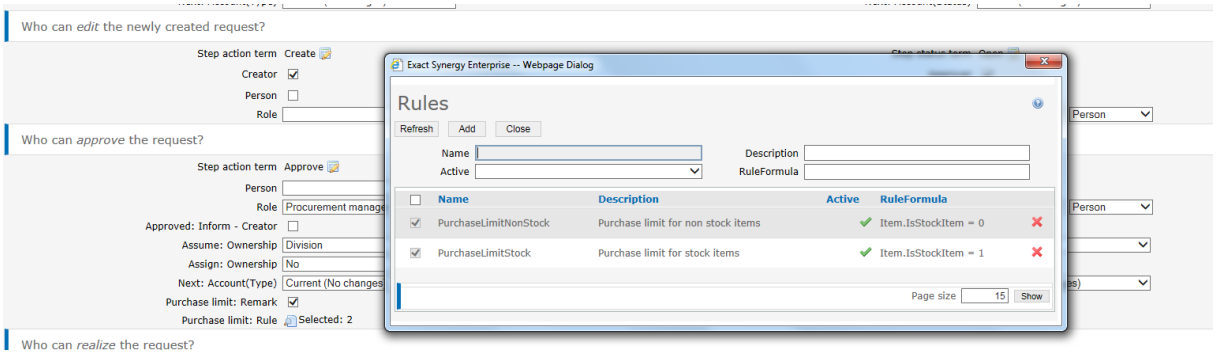
Description: Description of the rule

Formula: The formula section allow you to select the fields on which you want to include in the rule when the field is selected from the drop down box click insert field, select the operator (=,<,> etc) and enter the value in the Rule formula text section. In the example above a rule is created which will check on items which are not a stock item.

Now the rules can be linked to the person and a purchase limit for each rule can be assigned. In the person card there is a new Purchase Limit section

When clicking the add button or clicking the link of the amount the purchase limit can be added or changed.

After linking the rules to the approvers the rules can be linked to the request definition in the Flow tab. When linked during the approve the purchase limit will be checked for the PurchaseLimitNonStock rule and the PurchaseLimitStock rule based on the item which is entered in the request.



In this example when the item is entered in the request is a non stock item and the amount is $3000 Eric Meijer will not be able to approve this request as his limit is only $2000 for non stock items, the request would then be assigned to a person with high enough purchase limit. When the item would be a stock item and the amount $3000 dollar Eric would be able to approve.

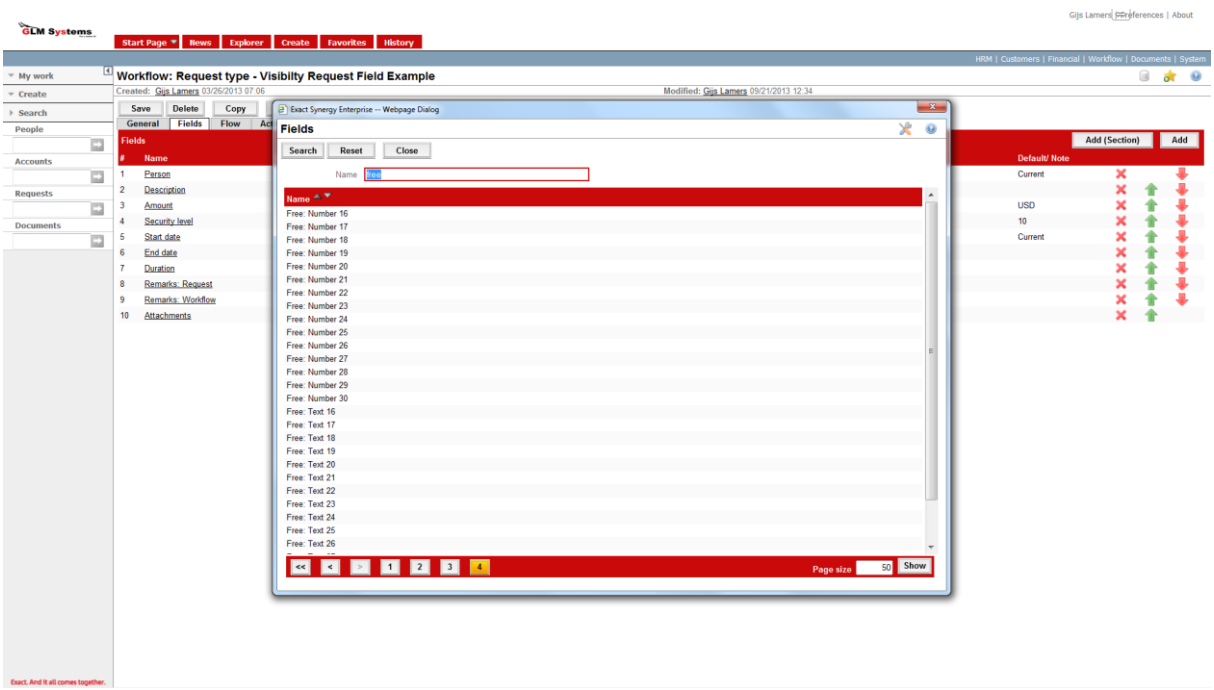
4.8 Free fields

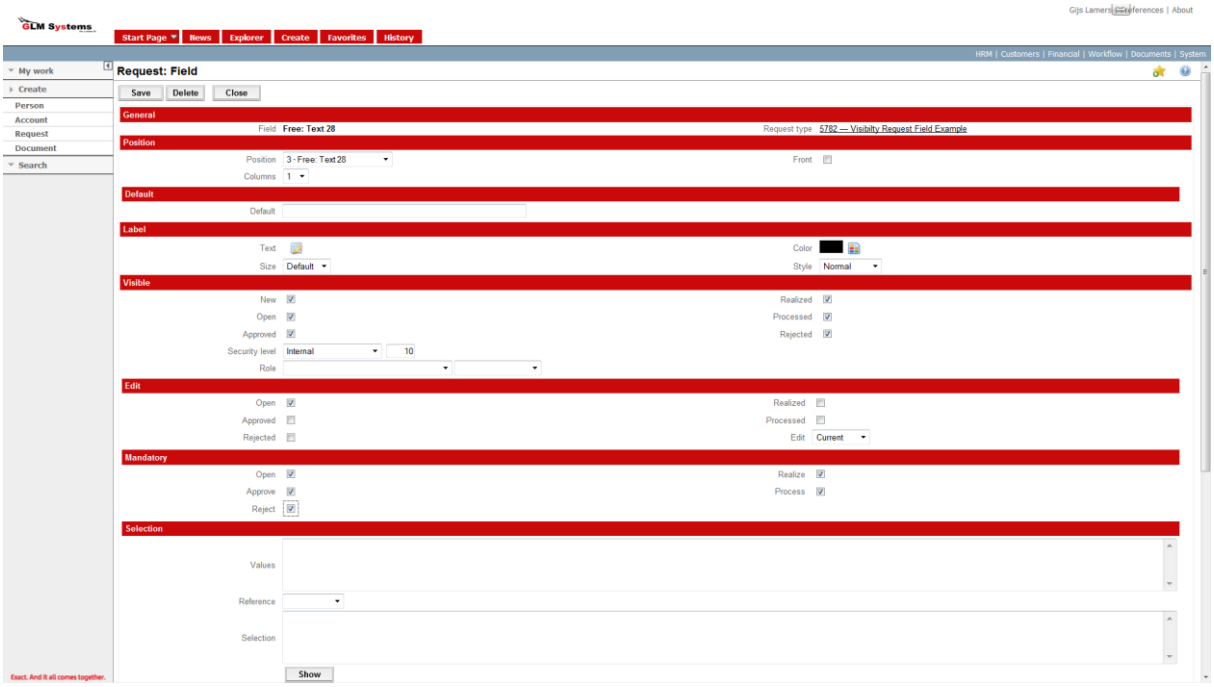
4.8.1 Additional Free Fields

Standard there is a limited set of free fields, the number of free fields with this module is extended. All of the free field types have no 50 free fields or more with the same features as a standard free field:

- 65 free text fields
- 50 free guid fields
- 50 free number fields
- 50 free yes/no fields
- 50 free amount fields
- 50 free date fields
- 20 free comment fields

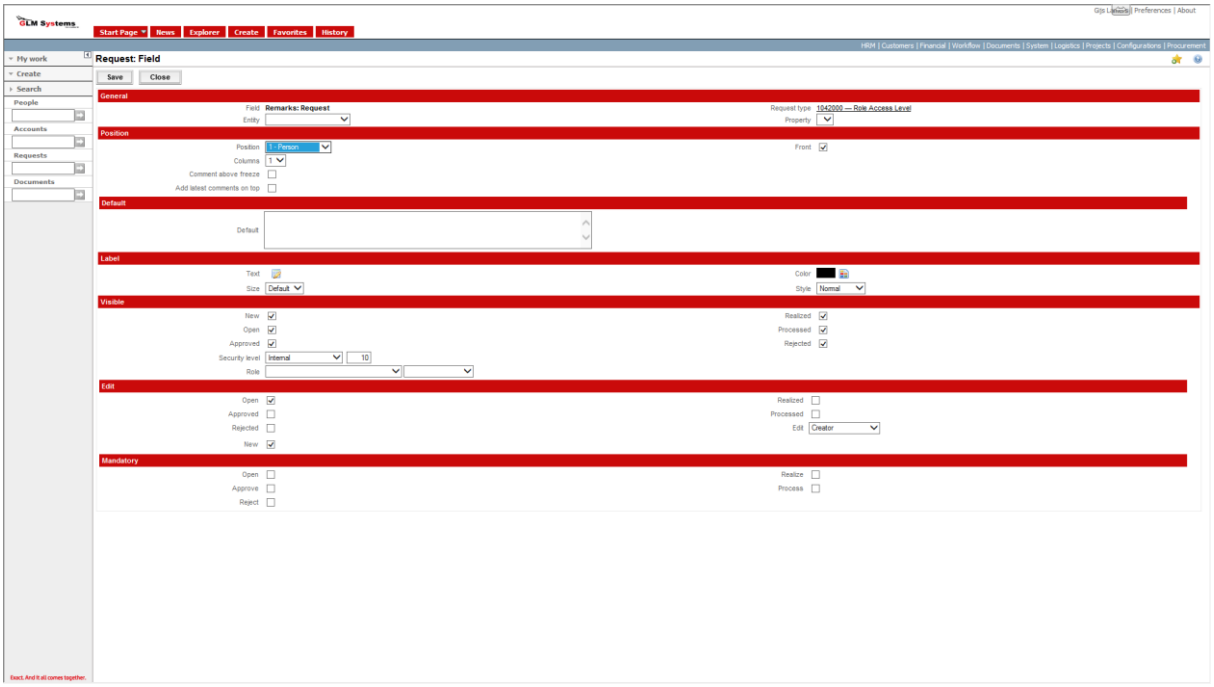
These free fields are also available to use in a standard workflow search or Pivot Analysis Views.





Freezing of Free Fields (such as Freeze Everyone) may now be done for Multiple Type Requests, for our 10 Free Comment Field. This is not possible using Exact's two comment fields (Remarks: Request or Remarks: Workflow).

For the free comment fields additional settings are available to show the remark section on top (Comment above freeze) and to save the remarks in descending order (Add latest comment on top) so that the last remarks will be shown first.



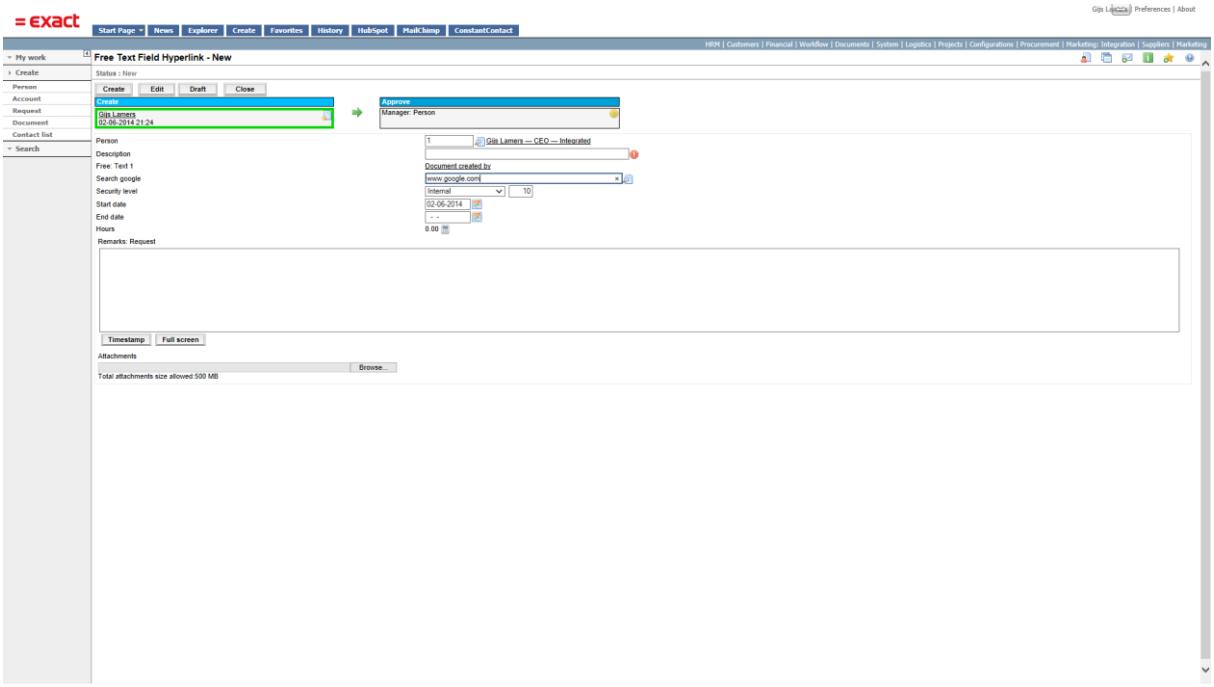
4.8.2 Free text fields: hyperlink / url

With the free text field hyperlink feature it is possible to have an url in your text field and via a button this url can be opened.

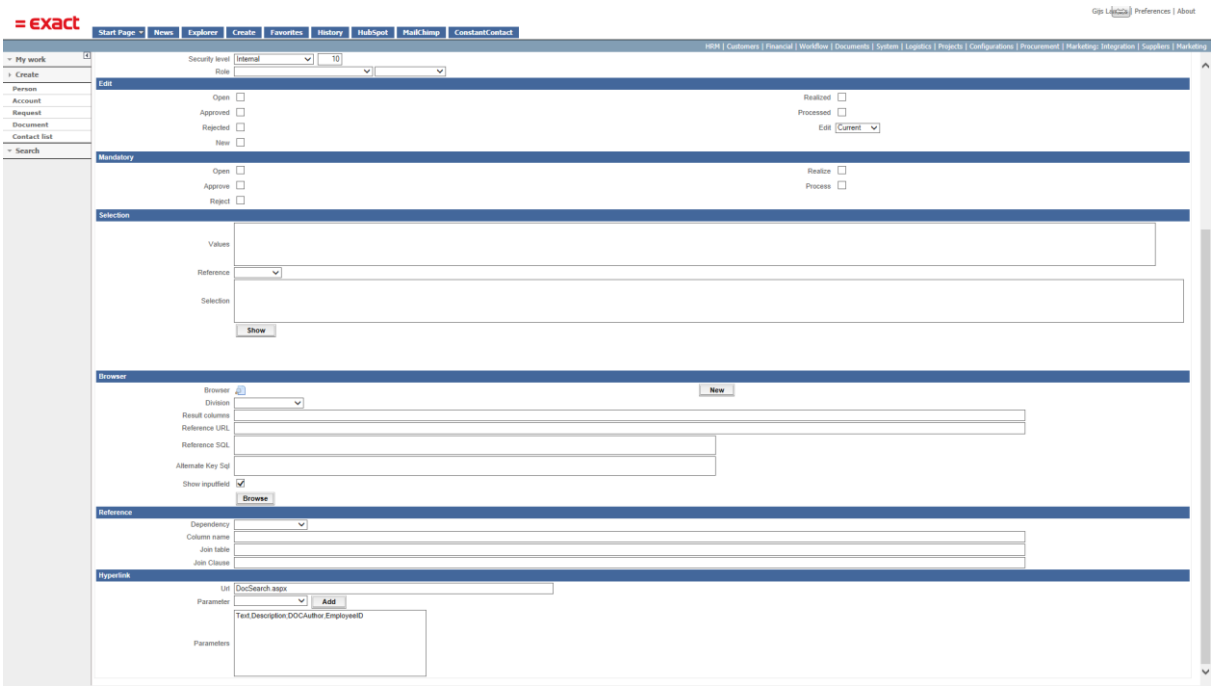
The url parameters can be from other fields in the request. A possible use could be that one of the request fields has the tracking number of a package and the hyperlink is using this value as parameter to open the website which tracks the package.

The hyperlink can be to an external website outside of Synergy or can be a webpage in Synergy.

When the user enters a valid url in the text field and hits enter, tab or moves to the next field a button will appear behind the text field.



In the request field definition a new section for the hyperlink feature is added



Url: The url for the hyperlink, when the text field is set to read only and the default text is set the hyperlink will show the default text but when clicked it will go to the entered url.

Parameter: A list of available fields in the request type which can be used as input parameter. By clicking the add button the selected field will be added to the parameters.

Parameters: Parameters to be used by the url. Format is [URL Parameter name 1],[Request field name 1]; [URL Parameter name 2],[Request field name 2].

Example:
Text,Description;DOCAuthor,EmployeeID

In the above screenshot that would mean that when the hyperlink is clicked it will open the document search screen with the Text and Created by already entered based on the values in the request.

4.8.3 Free fields table and field names

All the free fields are stored in the table GLMSysWflRequests

Request Field Description	Colum name
Free: Text*16	FreeTextField_16
Free: Text*17	FreeTextField_17
Free: Text*18	FreeTextField_18
Free: Text*19	FreeTextField_19
Free: Text*20	FreeTextField_20
Free: Text*21	FreeTextField_21
Free: Text*22	FreeTextField_22
Free: Text*23	FreeTextField_23

Free: Text*24	FreeTextField_24
Free: Text*25	FreeTextField_25
Free: Text*26	FreeTextField_26
Free: Text*27	FreeTextField_27
Free: Text*28	FreeTextField_28
Free: Text*29	FreeTextField_29
Free: Text*30	FreeTextField_30
Free: Date*6	FreeDateField_06
Free: Date*7	FreeDateField_07
Free: Date*8	FreeDateField_08
Free: Date*9	FreeDateField_09
Free: Date*10	FreeDateField_10
Free: Date*11	FreeDateField_11
Free: Date*12	FreeDateField_12
Free: Date*13	FreeDateField_13
Free: Date*14	FreeDateField_14
Free: Date*15	FreeDateField_15
Free: Date*16	FreeDateField_16
Free: Date*17	FreeDateField_17
Free: Date*18	FreeDateField_18
Free: Date*19	FreeDateField_19
Free: Date*20	FreeDateField_20
Free: Date*21	FreeDateField_21
Free: Date*22	FreeDateField_22
Free: Date*23	FreeDateField_23
Free: Date*24	FreeDateField_24
Free: Date*25	FreeDateField_25
Free: Date*26	FreeDateField_26
Free: Date*27	FreeDateField_27
Free: Date*28	FreeDateField_28
Free: Date*29	FreeDateField_29
Free: Date*30	FreeDateField_30
Free: Yes/No*6	FreeBooleanField_06
Free: Yes/No*7	FreeBooleanField_07
Free: Yes/No*8	FreeBooleanField_08
Free: Yes/No*9	FreeBooleanField_09
Free: Yes/No*10	FreeBooleanField_10
Free: Yes/No*11	FreeBooleanField_11
Free: Yes/No*12	FreeBooleanField_12
Free: Yes/No*13	FreeBooleanField_13
Free: Yes/No*14	FreeBooleanField_14
Free: Yes/No*15	FreeBooleanField_15

Free: Yes/No*16	FreeBooleanField_16
Free: Yes/No*17	FreeBooleanField_17
Free: Yes/No*18	FreeBooleanField_18
Free: Yes/No*19	FreeBooleanField_19
Free: Yes/No*20	FreeBooleanField_20
Free: Yes/No*21	FreeBooleanField_21
Free: Yes/No*22	FreeBooleanField_22
Free: Yes/No*23	FreeBooleanField_23
Free: Yes/No*24	FreeBooleanField_24
Free: Yes/No*25	FreeBooleanField_25
Free: Yes/No*26	FreeBooleanField_26
Free: Yes/No*27	FreeBooleanField_27
Free: Yes/No*28	FreeBooleanField_28
Free: Yes/No*29	FreeBooleanField_29
Free: Yes/No*30	FreeBooleanField_30
Free: Amount*6	FreeAmountField_06
Free: Amount*7	FreeAmountField_07
Free: Amount*8	FreeAmountField_08
Free: Amount*9	FreeAmountField_09
Free: Amount*10	FreeAmountField_10
Free: Amount*11	FreeAmountField_11
Free: Amount*12	FreeAmountField_12
Free: Amount*13	FreeAmountField_13
Free: Amount*14	FreeAmountField_14
Free: Amount*15	FreeAmountField_15
Free: Amount*16	FreeAmountField_16
Free: Amount*17	FreeAmountField_17
Free: Amount*18	FreeAmountField_18
Free: Amount*19	FreeAmountField_19
Free: Amount*20	FreeAmountField_20
Free: Amount*21	FreeAmountField_21
Free: Amount*22	FreeAmountField_22
Free: Amount*23	FreeAmountField_23
Free: Amount*24	FreeAmountField_24
Free: Amount*25	FreeAmountField_25
Free: Amount*26	FreeAmountField_26
Free: Amount*27	FreeAmountField_27
Free: Amount*28	FreeAmountField_28
Free: Amount*29	FreeAmountField_29
Free: Amount*30	FreeAmountField_30
Free: Number*6	FreeNumberField_06
Free: Number*7	FreeNumberField_07

Free: Number*8	FreeNumberField_08
Free: Number*9	FreeNumberField_09
Free: Number*10	FreeNumberField_10
Free: Number*11	FreeNumberField_11
Free: Number*12	FreeNumberField_12
Free: Number*13	FreeNumberField_13
Free: Number*14	FreeNumberField_14
Free: Number*15	FreeNumberField_15
Free: Number*16	FreeNumberField_16
Free: Number*17	FreeNumberField_17
Free: Number*18	FreeNumberField_18
Free: Number*19	FreeNumberField_19
Free: Number*20	FreeNumberField_20
Free: Number*21	FreeNumberField_21
Free: Number*22	FreeNumberField_22
Free: Number*23	FreeNumberField_23
Free: Number*24	FreeNumberField_24
Free: Number*25	FreeNumberField_25
Free: Number*26	FreeNumberField_26
Free: Number*27	FreeNumberField_27
Free: Number*28	FreeNumberField_28
Free: Number*29	FreeNumberField_29
Free: Number*30	FreeNumberField_30
Free: Guid*11	FreeGuidField_11
Free: Guid*12	FreeGuidField_12
Free: Guid*13	FreeGuidField_13
Free: Guid*14	FreeGuidField_14
Free: Guid*15	FreeGuidField_15
Free: Guid*16	FreeGuidField_16
Free: Guid*17	FreeGuidField_17
Free: Guid*18	FreeGuidField_18
Free: Guid*19	FreeGuidField_19
Free: Guid*20	FreeGuidField_20
Free: Guid*21	FreeGuidField_21
Free: Guid*22	FreeGuidField_22
Free: Guid*23	FreeGuidField_23
Free: Guid*24	FreeGuidField_24
Free: Guid*25	FreeGuidField_25
Free: Guid*26	FreeGuidField_26
Free: Guid*27	FreeGuidField_27
Free: Guid*28	FreeGuidField_28
Free: Guid*29	FreeGuidField_29

Free: Guid*30	FreeGuidField_30
Free: Text*31	FreeTextField_31
Free: Text*32	FreeTextField_32
Free: Text*33	FreeTextField_33
Free: Text*34	FreeTextField_34
Free: Text*35	FreeTextField_35
Free: Text*36	FreeTextField_36
Free: Text*37	FreeTextField_37
Free: Text*38	FreeTextField_38
Free: Text*39	FreeTextField_39
Free: Text*40	FreeTextField_40
Free: Text*41	FreeTextField_41
Free: Text*42	FreeTextField_42
Free: Text*43	FreeTextField_43
Free: Text*44	FreeTextField_44
Free: Text*45	FreeTextField_45
Free: Text*46	FreeTextField_46
Free: Text*47	FreeTextField_47
Free: Text*48	FreeTextField_48
Free: Text*49	FreeTextField_49
Free: Text*50	FreeTextField_50
Free: Date*31	FreeDateField_31
Free: Date*32	FreeDateField_32
Free: Date*33	FreeDateField_33
Free: Date*34	FreeDateField_34
Free: Date*35	FreeDateField_35
Free: Date*36	FreeDateField_36
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Free: Date*45	FreeDateField_45
Free: Date*46	FreeDateField_46
Free: Date*47	FreeDateField_47
Free: Date*48	FreeDateField_48
Free: Date*49	FreeDateField_49
Free: Date*50	FreeDateField_50
Free: Yes/No*31	FreeBooleanField_31

Free: Yes/No*32	FreeBooleanField_32
Free: Yes/No*33	FreeBooleanField_33
Free: Yes/No*34	FreeBooleanField_34
Free: Yes/No*35	FreeBooleanField_35
Free: Yes/No*36	FreeBooleanField_36
Free: Yes/No*37	FreeBooleanField_37
Free: Yes/No*38	FreeBooleanField_38
Free: Yes/No*39	FreeBooleanField_39
Free: Yes/No*40	FreeBooleanField_40
Free: Yes/No*41	FreeBooleanField_41
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Free: Yes/No*47	FreeBooleanField_47
Free: Yes/No*48	FreeBooleanField_48
Free: Yes/No*49	FreeBooleanField_49
Free: Yes/No*50	FreeBooleanField_50
Free: Amount*31	FreeAmountField_31
Free: Amount*32	FreeAmountField_32
Free: Amount*33	FreeAmountField_33
Free: Amount*34	FreeAmountField_34
Free: Amount*35	FreeAmountField_35
Free: Amount*36	FreeAmountField_36
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Free: Amount*42	FreeAmountField_42
Free: Amount*43	FreeAmountField_43
Free: Amount*44	FreeAmountField_44
Free: Amount*45	FreeAmountField_45
Free: Amount*46	FreeAmountField_46
Free: Amount*47	FreeAmountField_47
Free: Amount*48	FreeAmountField_48
Free: Amount*49	FreeAmountField_49
Free: Amount*50	FreeAmountField_50
Free: Number*31	FreeNumberField_31
Free: Number*32	FreeNumberField_32
Free: Number*33	FreeNumberField_33

Free: Number*34	FreeNumberField_34
Free: Number*35	FreeNumberField_35
Free: Number*36	FreeNumberField_36
Free: Number*37	FreeNumberField_37
Free: Number*38	FreeNumberField_38
Free: Number*39	FreeNumberField_39
Free: Number*40	FreeNumberField_40
Free: Number*41	FreeNumberField_41
Free: Number*42	FreeNumberField_42
Free: Number*43	FreeNumberField_43
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Free: Guid*33	FreeGuidField_33
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Free: Guid*44	FreeGuidField_44
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Free: Guid*47	FreeGuidField_47
Free: Guid*48	FreeGuidField_48
Free: Guid*49	FreeGuidField_49
Free: Guid*50	FreeGuidField_50
Free:Comment*1	FreeCommentField_01
Free:Comment*2	FreeCommentField_02
Free:Comment*3	FreeCommentField_03
Free:Comment*4	FreeCommentField_04
Free:Comment*5	FreeCommentField_05

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Free:Comment*12	FreeCommentField_12
Free:Comment*13	FreeCommentField_13
Free:Comment*14	FreeCommentField_14
Free:Comment*15	FreeCommentField_15
Free:Comment*16	FreeCommentField_16
Free:Comment*17	FreeCommentField_17
Free:Comment*18	FreeCommentField_18
Free:Comment*19	FreeCommentField_19
Free:Comment*20	FreeCommentField_20
Free: Text*51	FreeTextField_51
Free: Text*52	FreeTextField_52
Free: Text*53	FreeTextField_53
Free: Text*54	FreeTextField_54
Free: Text*55	FreeTextField_55
Free: Text*56	FreeTextField_56
Free: Text*57	FreeTextField_57
Free: Text*58	FreeTextField_58
Free: Text*59	FreeTextField_59
Free: Text*60	FreeTextField_60
Free: Text*61	FreeTextField_61
Free: Text*62	FreeTextField_62
Free: Text*63	FreeTextField_63
Free: Text*64	FreeTextField_64
Free: Text*65	FreeTextField_65
Free:Request*HTML	RequestCommentsHTML
Free:Workflow*HTML	WorkflowCommentsHTML
Free:Comment*HTML 1	FreeCommentHTMLField_01
Free:Comment*HTML 2	FreeCommentHTMLField_02
Free:Comment*HTML 3	FreeCommentHTMLField_03
Free:Comment*HTML 4	FreeCommentHTMLField_04
Free:Comment*HTML 5	FreeCommentHTMLField_05
Free:Comment*HTML 6	FreeCommentHTMLField_06
Free:Comment*HTML 7	FreeCommentHTMLField_07
Free:Comment*HTML 8	FreeCommentHTMLField_08
Free:Comment*HTML 9	FreeCommentHTMLField_09
Free:Comment*HTML 10	FreeCommentHTMLField_10

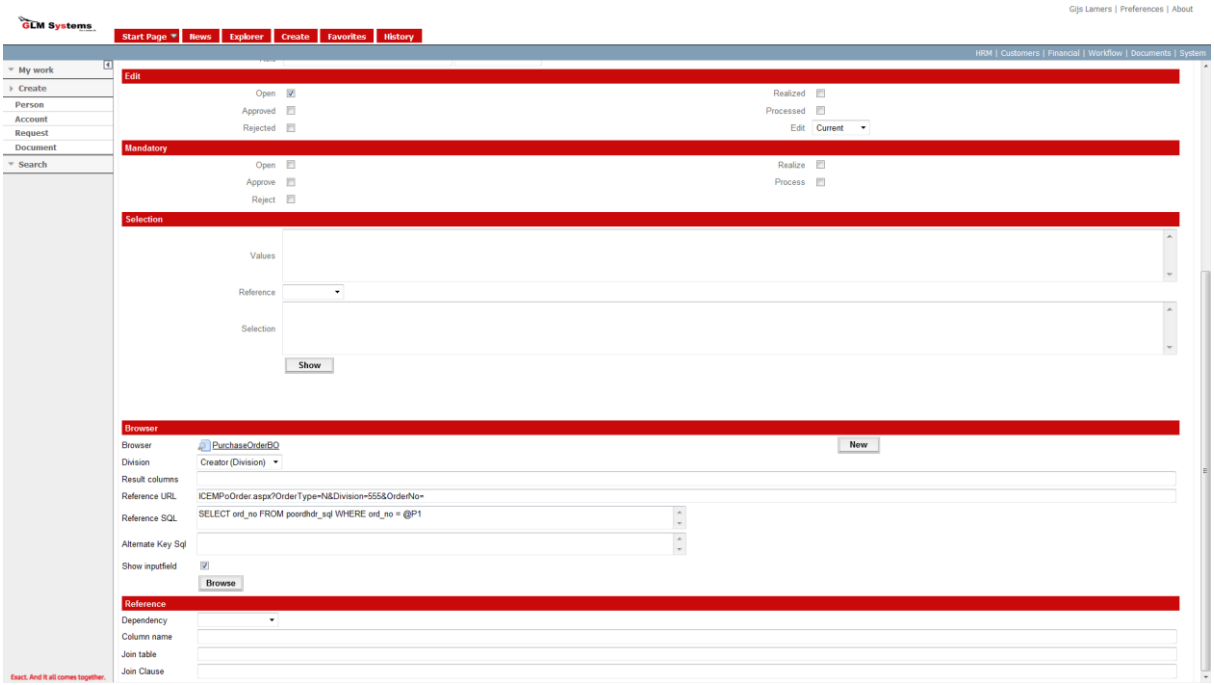
Free:Comment*HTML 11	FreeCommentHTMLField_11
Free:Comment*HTML 12	FreeCommentHTMLField_12
Free:Comment*HTML 13	FreeCommentHTMLField_13
Free:Comment*HTML 14	FreeCommentHTMLField_14
Free:Comment*HTML 15	FreeCommentHTMLField_15
Free:Comment*HTML 16	FreeCommentHTMLField_16
Free:Comment*HTML 17	FreeCommentHTMLField_17
Free:Comment*HTML 18	FreeCommentHTMLField_18
Free:Comment*HTML 19	FreeCommentHTMLField_19
Free:Comment*HTML 20	FreeCommentHTMLField_20

4.9 Browse fields

Free fields can be changed to use a predefined browser in the system or a newly created browser. This browser can browse on data in Synergy, data in Exact Globe or Exact Macola ES. Currently free fields are limited on the data that can be browsed on and the back office data can't be browsed.

Free text fields: Items, Project and tax codes
Free number fields: People and assortments
Free guid fields: Request, Documents, Accounts, Contacts, Transactions and items

By making use of existing system browsers all data in Synergy can be selected via a browser in a request. You also can create your own browser in case the browser you need is not available.



For a free request field of type text, guid and number the following additional fields are available to select a browser

Browser: The browser to be used for this field. The browser can be selected from a list of browsers. The first browsers displayed are a number of standard system browsers and your own custom defined browser. After these browsers all browsers available in the repository are displayed.

Division: The field which will determine the division to be used for the browser. The following options are available

- Creator (Division): the division of the creator will be used for the browser
- Person (Division): the division of person selected in the person field will be used for the browser
- Current (Division): the division of the user currently logged in will be used for the browser
- Division: the division used for the browser is based on the division field 'division 2'

Result columns: The result columns are the normally two columns in the table with the first column being the key value (the value which will be stored when saving the request) and the description column which is used to display the description and/or hyperlink of the browser. The result columns field is also available in the browser maintenance when already filled in as required at the browser this doesn't need to be entered again.

Reference URL: The application which should be opened when clicking the hyperlink right of the browser.

Reference SQL: When a different reference / description should be displayed a query can be entered here which will get the reference value.
The query will be similar to SELECT cmp_name FROM cicmpy WHERE cmp_wwn = @P1. Where cmp_name is the description which will be displayed and cmp_wwn is the key the @P1 will be automatically replaced by the actual value.

Alternate Key SQL: This query will be used in case a different key value should be used.

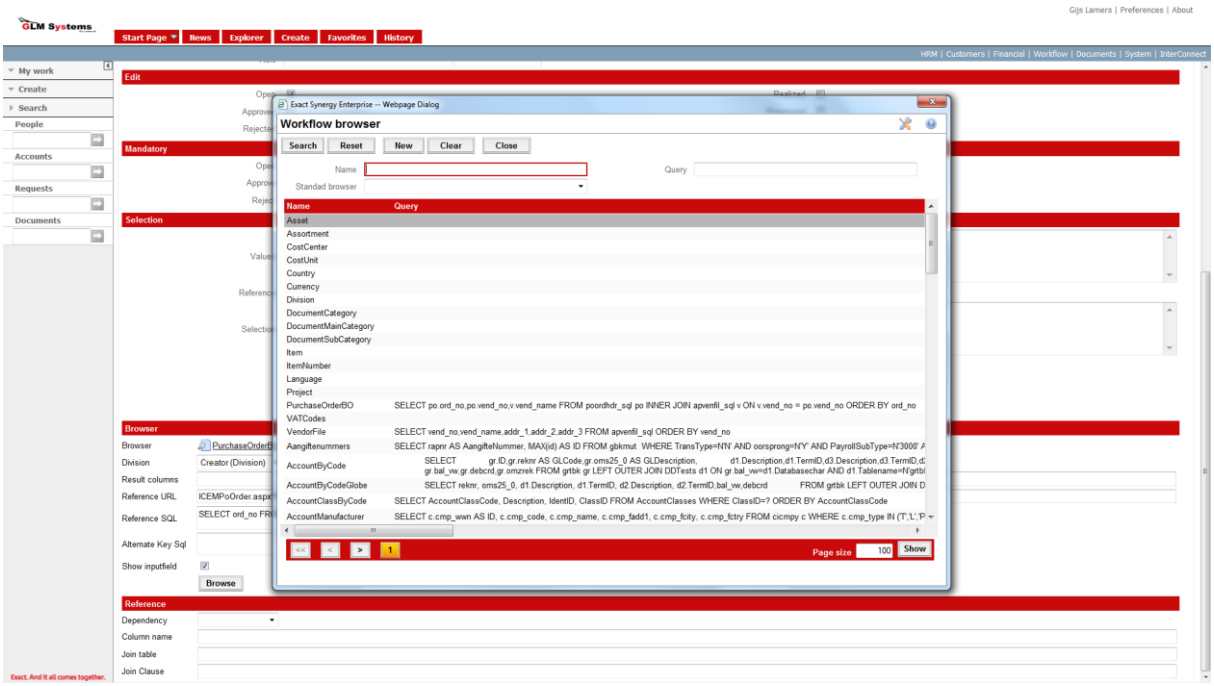
Show input field: The checkbox show input field is to determine if the input field before the browser should be shown. When unchecked the input field is not shown.

Browse (button): The browse button will redirect to an application where the browser can be tested.

When browsing on the available browser you will see the following workflow browser with the columns Name, Query and Standard browser

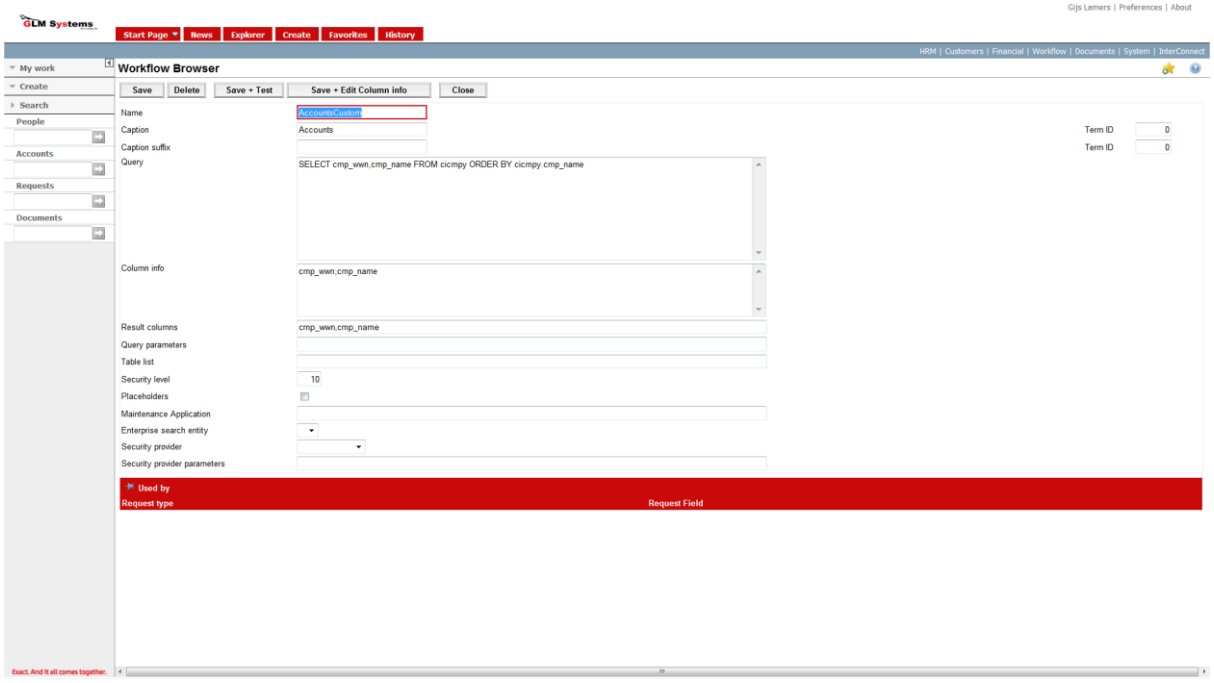
Name: the name of the browser
Query: the query used in the browser
Standard browser: is the browser a standard browser in the repository (yes/no)

In Synergy there are a number of standard system browser which are defined those are the browsers where the query column value is empty.



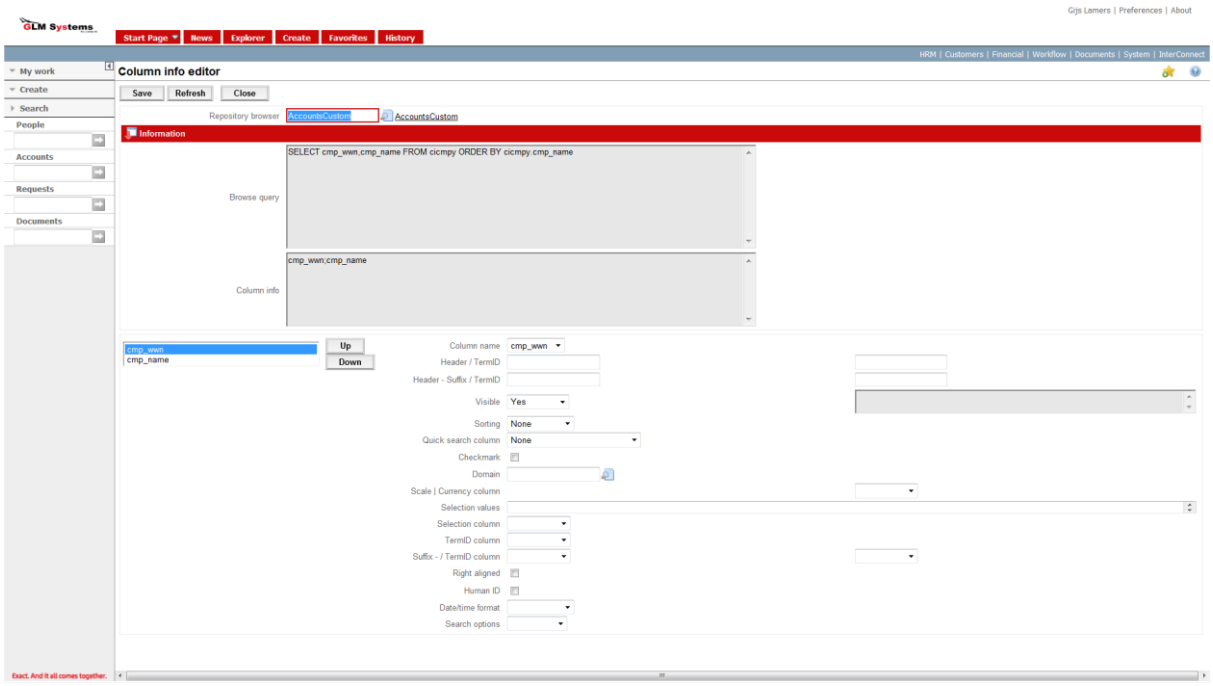
4.9.1 Creating a new browser

In the request field at the browser section there is also a new button which will redirect you to the application to create your own browser.



Name: This is the name of the browser, it is used in the source and repository to define the browser to use.
Caption: The caption show in the browser. **TermID**: The term id of the caption.
Query: This is the query the browser uses. (You can use parameters, in that case also **Query**

parameters must be filled).
Column info: This is the definition on how to show the columns, this will be filled when choosing **Save + edit column info**.
Result columns: This defines the columns the browser returns to the code.
Query parameters: This list the parameters used by the query.
Table list: This is a list of the tables used in the browser query.
Security level: The security level the user has to have to use the browser
Maintenance Application: The maintenance application to start if the user presses the **New** button in the browser.
Enterprise search entity:
Security provider: security definition for the browser
Security provider parameters: the parameters for the security definition



In the left list box you can change the order of the columns. On the right you can configure the properties per column, remember to choose the column in the combo box.

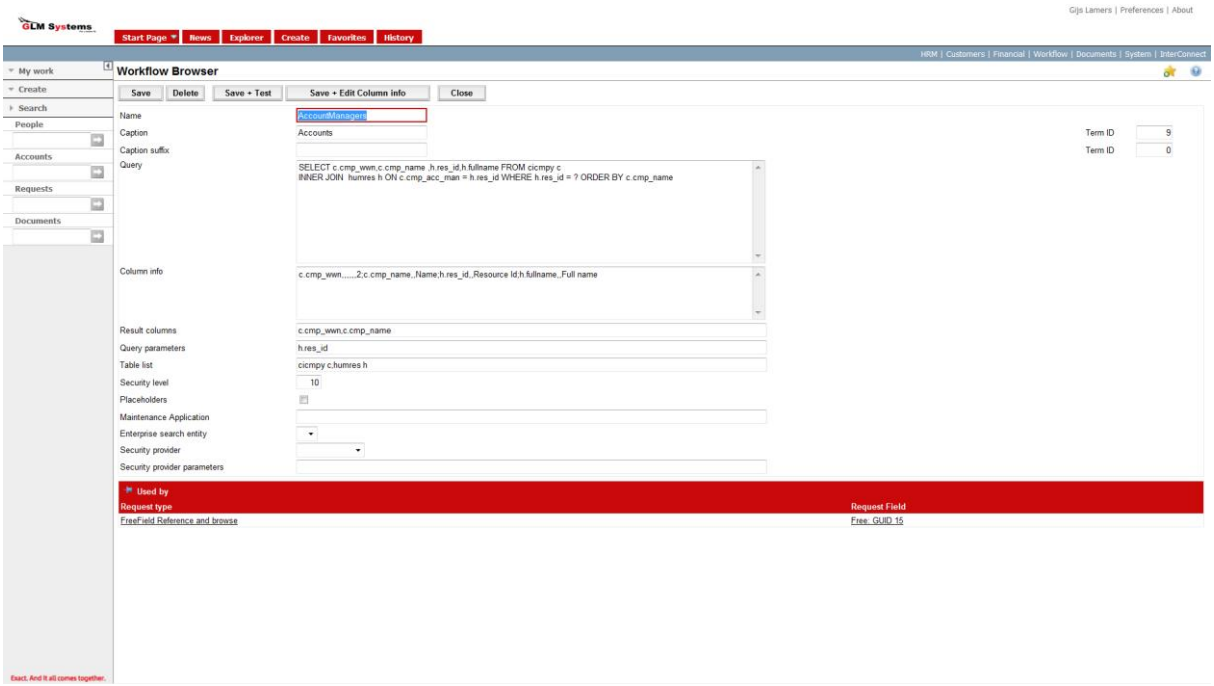
Header / TermID: This is the caption and term id of the column.
Header - Suffix / TermID: This is the suffix and suffix term id of the column.
Visible: This is to set columns visible or hidden.
Sorting: This field is for enabling sorting on the column.
Quick search column: This field is to enable the column for searching in the browser.
Checkmark: This field is to change a 0 or 1 value from the database to a checkmark in the browser
Domain: This field is to select the repository domain to be used. This will determine the way the column is displayed and the length which can be entered for the input field related to the browser.
Scale | Currency column: The currency to display for an amount where the currency is available in another colum.
Selection values: This field can be used to predefine the selection values of the column (used in the quick search).

Selection columns:
TermID column: The term id of the value in the result. This can be used when this is a status field which has value like ‘A’ (active), ‘P’ (proposed). Where the database value will be ‘A’ but the value you want to be displayed in the browser should be ‘Active’.
Suffix/TermID column: The suffix termed of the value in the result
Right aligned: This is to right align string fields.
Human id: Show the result as a Human id. This can be used for the request Id where in the database the value is 15367 which will then be displayed as 15.367
Date/time format: The format in which the date / time field should be displayed.
Search option: This is to configure the search operator used in the quick search.

After the query is created it can be selected in the free field. The new browser can only be selected in the free field type which is the same as the browser key type. In the case where we make a browser on the accounts table (cicmpy) and the key used is cmp_wwn where the type is a guid (uniqueidentifier) the browser is only available in the request free guid fields.When saving the browser it will open the test application to test the browser

4.9.2 New browser: Accounts per manager

The following example will show all accounts where the person in the request is the account manager.



First create a new browser we will **name** the browser AccountManagers, the name of the browser which is displayed when browsing is 'Accounts'. The **term ID** 9 for accounts can be found by looking for the term via System – Setup – Terms – Search

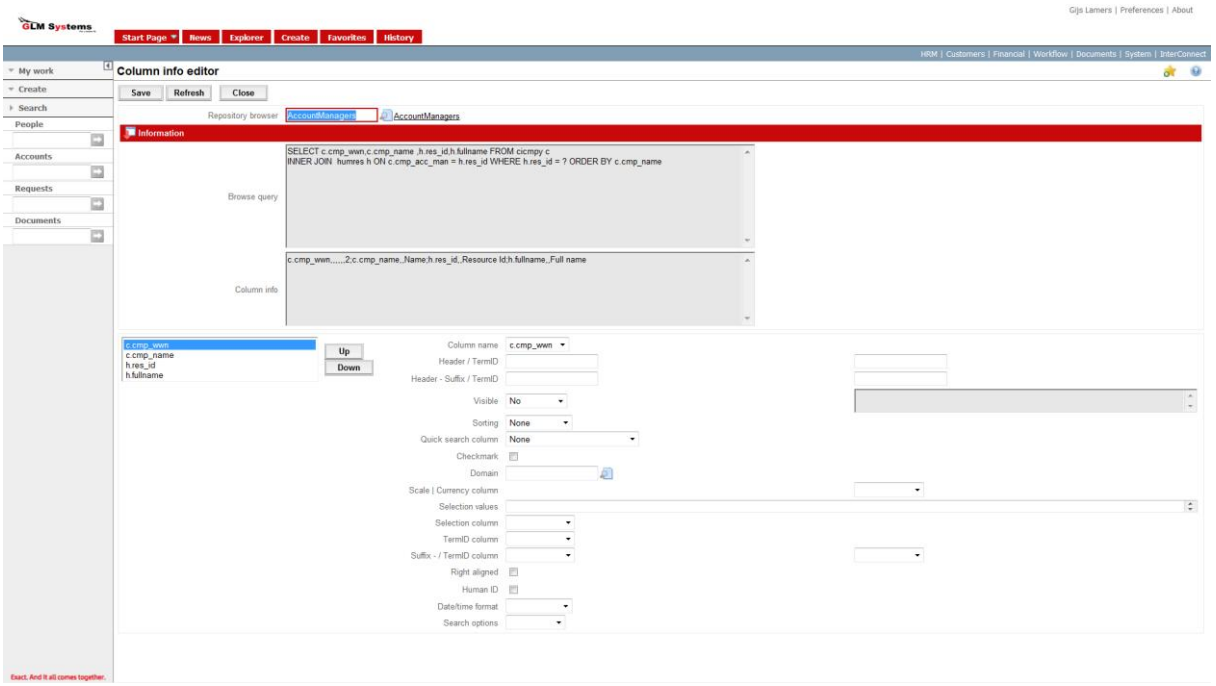
The **Query** 'SELECT c.cmp_wwn,c.cmp_name ,h.res_id,h.fullname FROM cicmpy c
INNER JOIN humres h ON c.cmp_acc_man = h.res_id WHERE h.res_id = ? ORDER BY c.cmp_name' will look for the accounts and the account manager which is linked to the account. The ? is the parameter which need to be supplied for the browser.

The **Column info** 'c.cmp_wwn,,,,,,2;c.cmp_name,,Name;h.res_id,,Resource Id;h.fullname,,Full name' can be maintained via the 'Save + Edit Column info'. Before clicking on the 'Save + Edit Column Info' each of the columns already need to be entered manually in the Column info field. The columns are separated by a ';'. So intiallly the column info will look like 'c.cmp_wwn;c.cmp_name;h.res_id;h.fullname'

The **Result colums** 'c.cmp_wwn,c.cmp_name' are the key and the description which should be shown at the browser, the fields are separated by a ','.

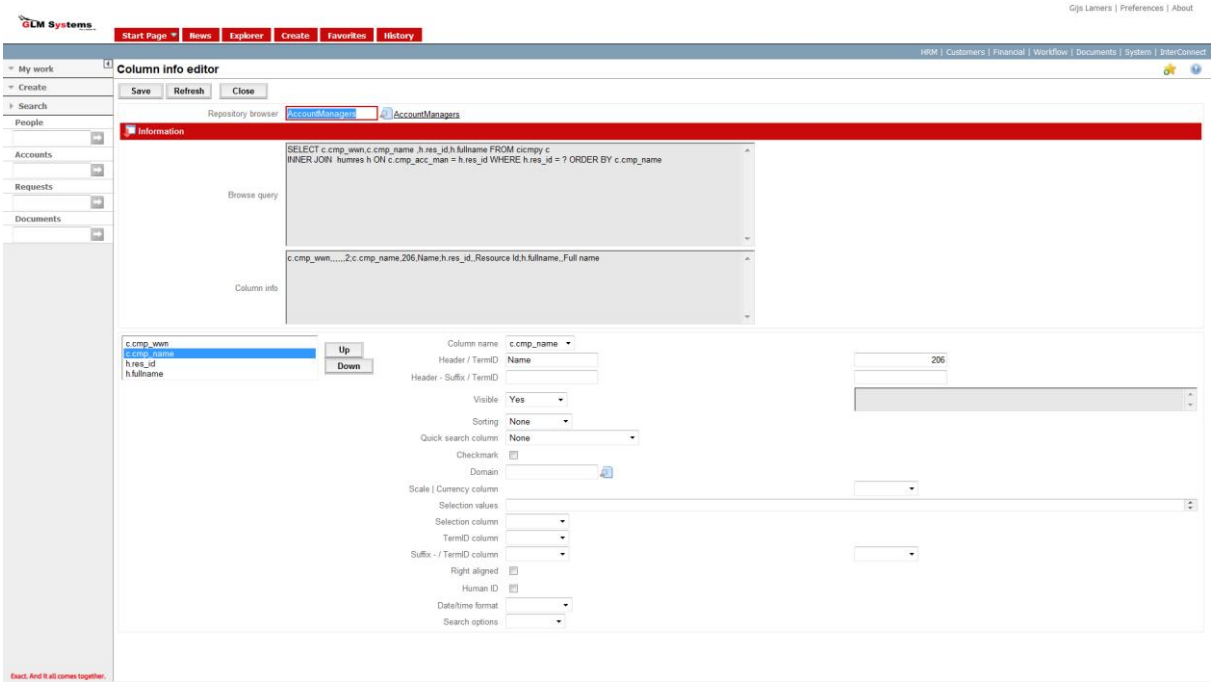
The Query Parameters 'h.res_id' is the list of columns which require a parameter.

The **Table list** 'cicmpy c,humres h' is the list of tables in the query including the alias if used, separated by a ','.

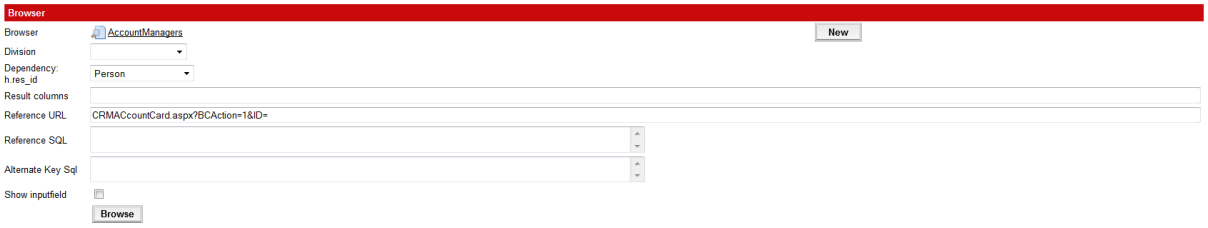


When clicking 'Save + Edit column info' the above screen is shown. To switch between the columns you can select the columns from the column list displayed on the right.

For the c.cmp_wwn column we set the Visible to 'no' as we don't want to see the guid / uniqueidentifier in the result. For the c.cmp_name column we change the Header / TermId to 'Name' and '206' which is the term id for Name.



Once created you can select the browser in any free guid field.



Because the browser has a parameter an additional field **Dependency**: h.res_id is shown with a drop down box of available fields in the request where the value for the parameter should come from. In this case we select the request field person.

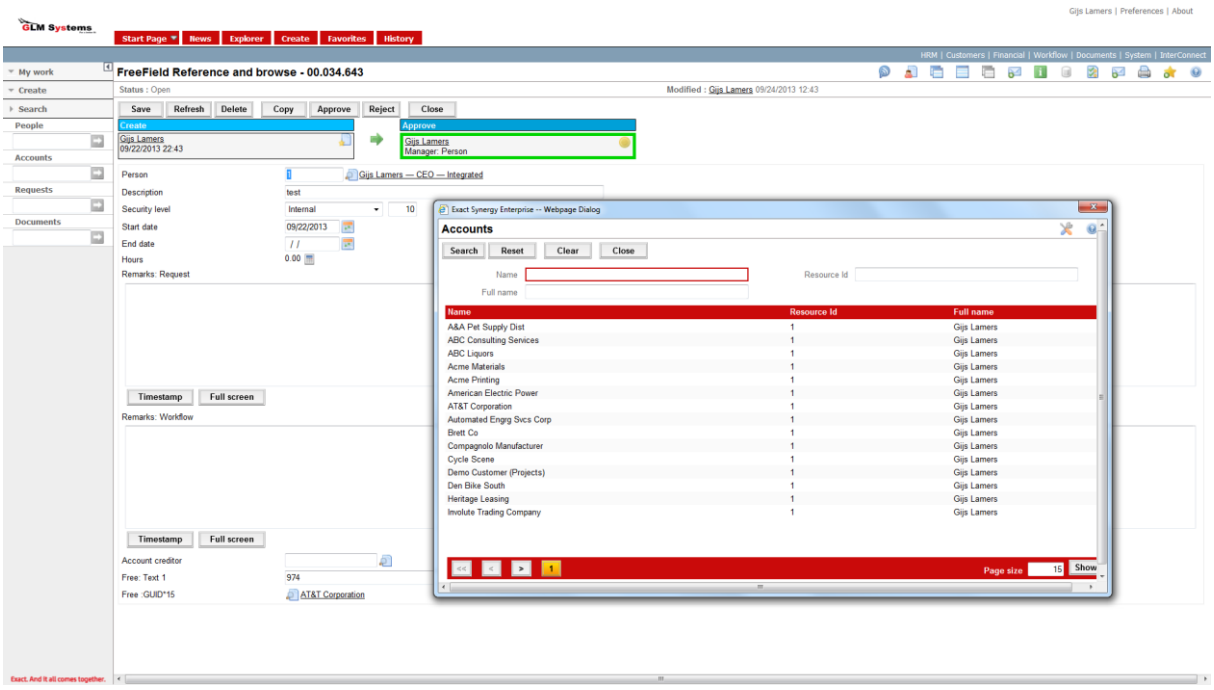
The **Result columns** is empty as this is already entered in the browser.

Reference URL 'CRMACcountCard.aspx?BCAction=1&ID=' is the link which will display after the browser. In this case the link will start up the account card. The ID will be filled automatically based on the selected account.

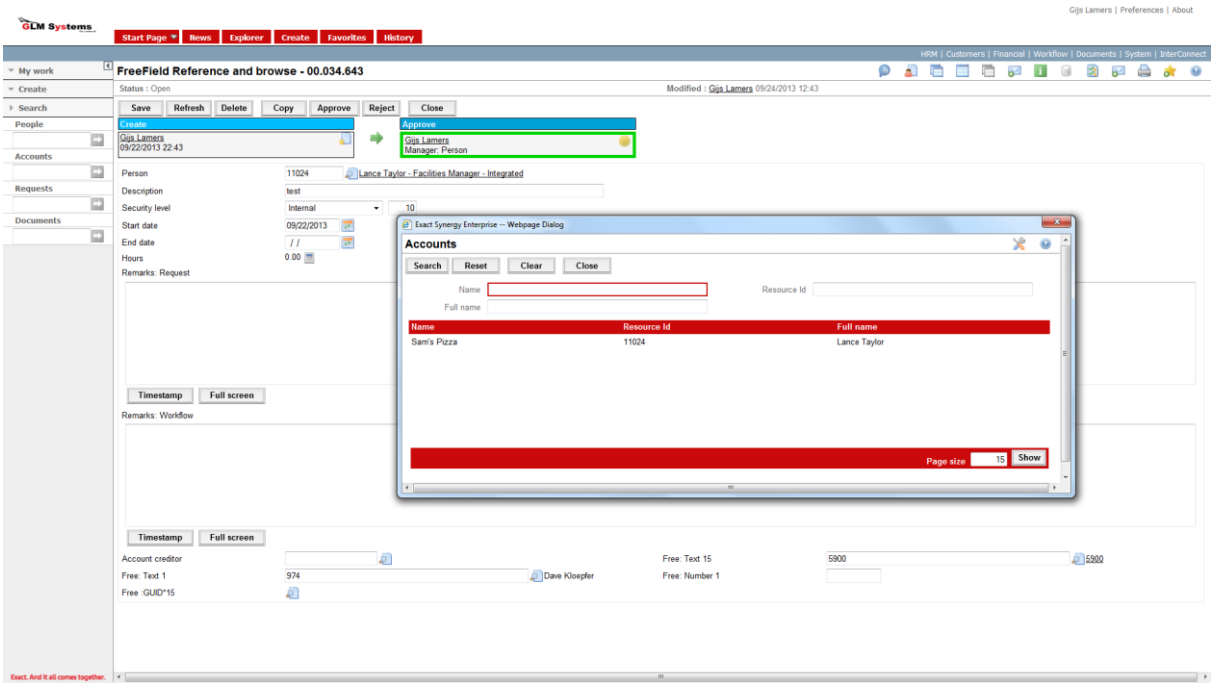
Reference SQL is empty as the reference sql will be build up automatically based on the browser details. There could be cases when using a standard browser you will get a query error in that case you can define your own query. For the AccoutnManagers browser that query would look like 'SELECT c.cmp_name FROM cicmpy c WHERE c.cmp_wwn=@P1'. The @P1 parameter will be automatically replace by the account id.

Show inputfield the show inputfield is automatically unchecked because the browse has a guid as key.

The result in a request will look like

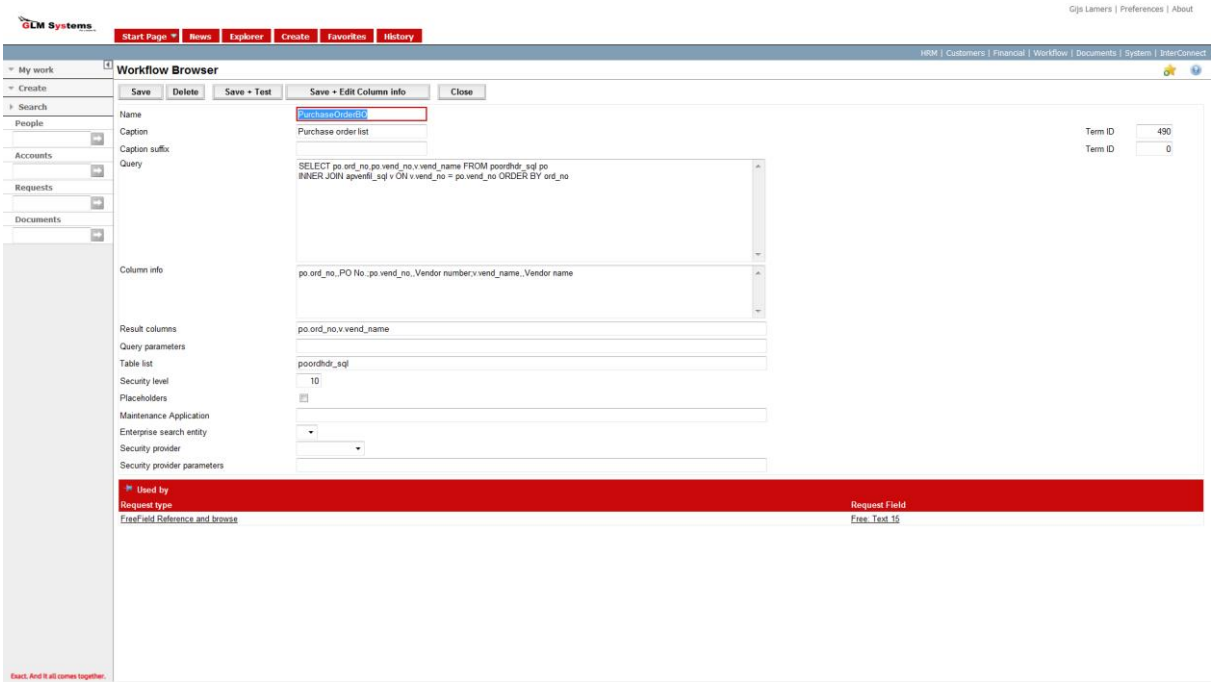


When changing the person selected in the request the browser data displayed will also change



4.9.3 New browser: Purchase orders from Macola back office

The following example will show the purchase orders directly from the Exact Globe Macola database.



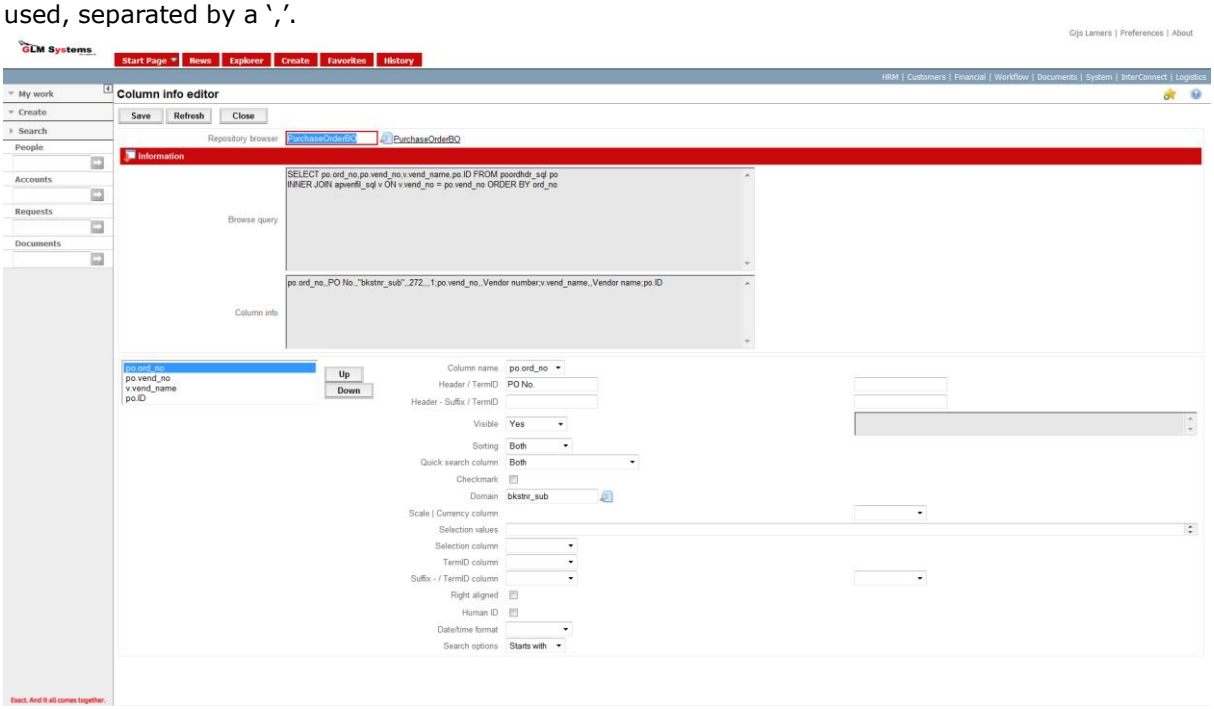
First create a new browser we will **name** the browser PurchaseOrderBO, the name of the browser which is displayed when browsing is 'Purchase order list'. The **term ID** 490 for purchase order list can be found by looking for the term via System – Setup – Terms – Search

The **Query** 'SELECT po.ord_no,po.vend_no,v.vend_name FROM poordhdr_sql po INNER JOIN apvenfil_sql v ON v.vend_no = po.vend_no ORDER BY ord_no' will look for the purchase orders in the Macola purchase order table as additional information the vendor name is also added to the query by joining the vendor table to the purchase order table.

The **Column info** 'po.ord_no,,PO No.;po.vend_no,,Vendor number;v.vend_name,,Vendor name' can be maintained via the 'Save + Edit Column info'. Before clicking on the 'Save + Edit Column Info' each of the columns already need to be entered manually in the Column info field. The columns are separated by a ';'. So intiallly the column info will look like 'po.ord_no; po.vend_no; v.vend_name'

The **Result colums** 'po.ord_no,v.vend_name' are the key and the description which should be shown at the browser, the fields are separated by a ','.

The **Table list** 'poordhdr_sql po,apvenfil_sql v' is the list of tables in the query including the alias if used, separated by a ','.

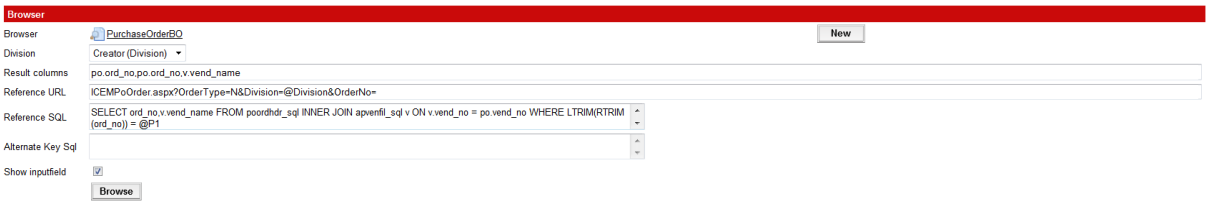


When clicking 'Save + Edit column info' the above screen is shown. To switch between the columns you can select the columns from the column list displayed on the right.

The **Quick search column** is set to 'Both'. When the quick search column is not set and the purchase order number is entered manually it can't be found.

The **Domain** is set to 'bkstnr_sub'. The domain will determine the length of the field in this case the bkstnr_sub length is 8 which means for the order number field the length is also 8. When the domain is not set the length will be the default length of the free text field.

Once the browser is created you can select the browser in any free text field as the browser key ord_no is a field of type text.



The **Division** we will set to Creator (division). This means that the browser on the purchase orders will use the division of the creator of the request.

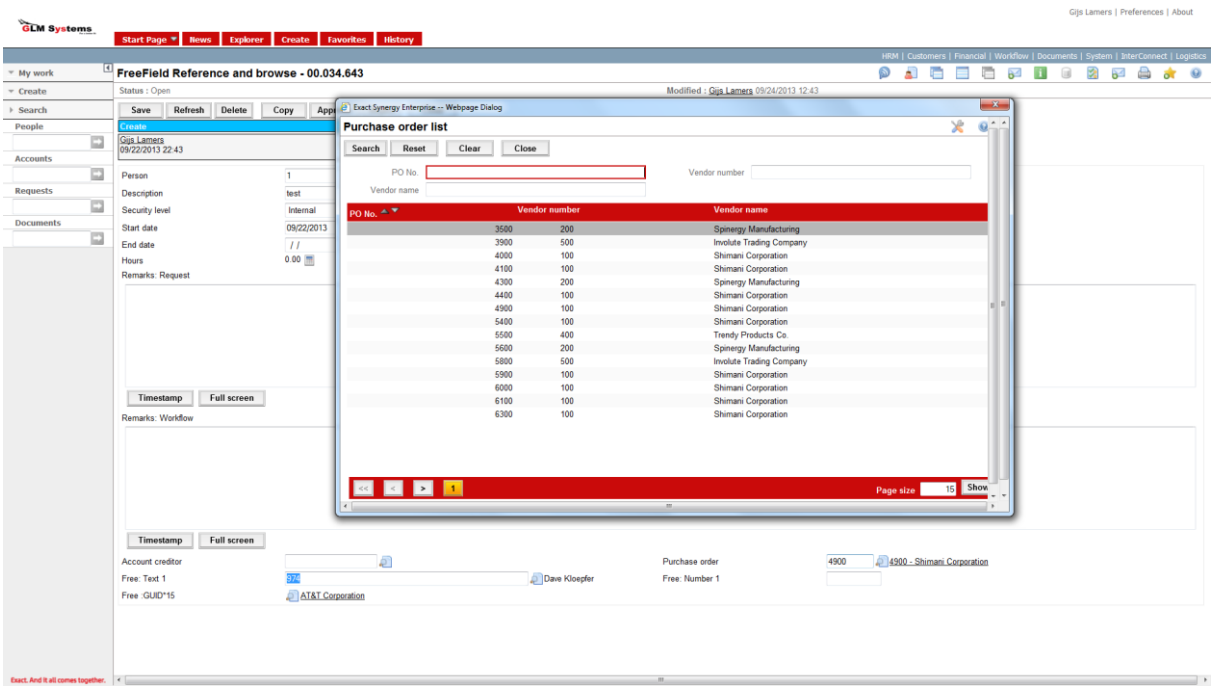
The **Result columns** we will give the value 'po.ord_no,po.ord_no,v.vend_name' this will overwrite the value given in the browser. The first column po.ord_no is used for the key, the two other columns po.ord_no and v.vend_no are used in the reference / link.

Reference URL 'ICEMPoOrder.aspx?OrderType=N&Division=@Division&OrderNo=' is the link which will display after the browser. In this case the link will start up the Interconnect purchase order application. The parameter @Division will automatically be replaced by the division of the creator. The OrderNo will be filled automatically based on the selected account.

Reference SQL 'SELECT ord_no,v.vend_name FROM poordhdr_sql po INNER JOIN apvenfil_sql v ON v.vend_no = po.vend_no WHERE LTRIM(RTRIM(ord_no)) = @P1'. The @P1 parameter will be automatically replaced by the order number.

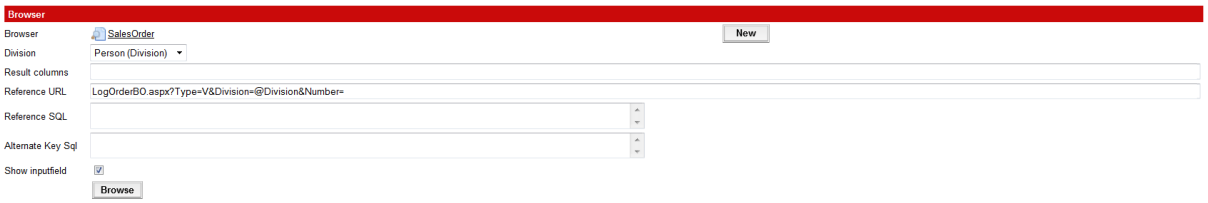
Show inputfield the show inputfield is checked and the order number also can be entered by the user.

The result in a request will look like



4.9.4 Existing browser: Sales order back office Exact Globe

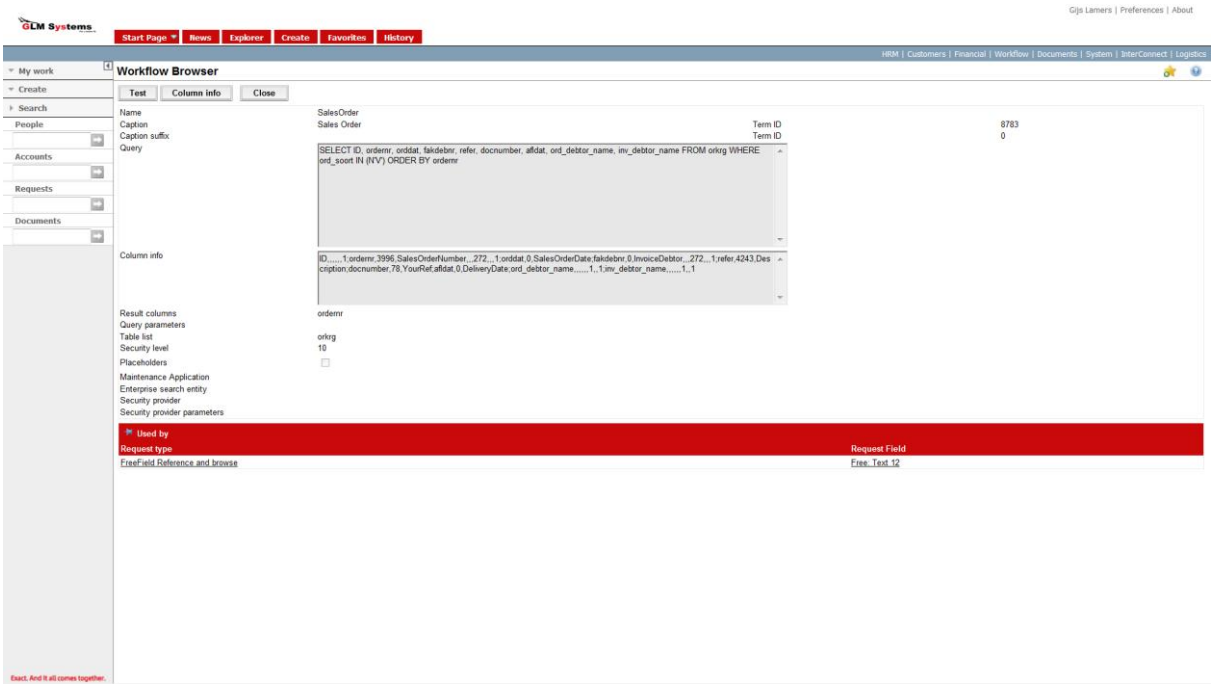
A new free text field is added to the request and the standard browser SalesOrder is selected. The division from which the browser will get the data is based on the person division.



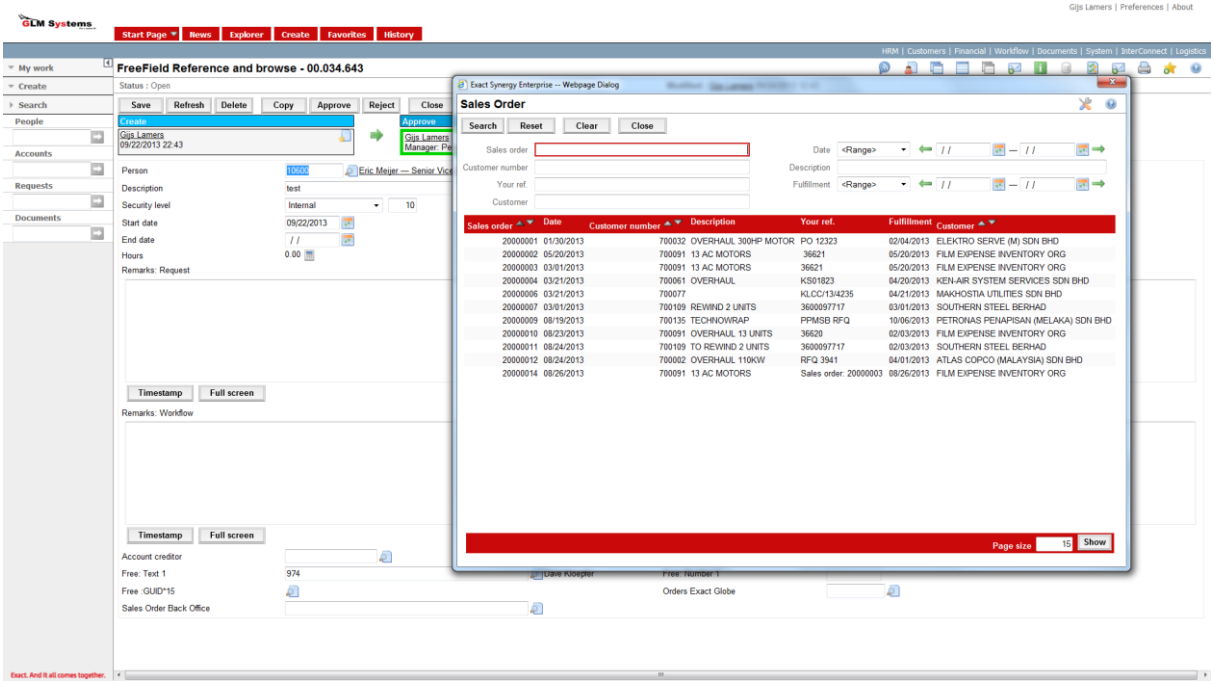
When opening the browser the browser details can't be changed as this is a standard browser. The information can only be viewed.

The standard browser result column is ordernr in this case we change this by setting the **Result columns** to ordernr,refer in the request field definition. Without changing the reference / link will display the ordernr with the change it will display the sales order description.

The **Reference URL** is set to 'LogOrderBO.aspx?Type=V&Division=@Division&Number=' which is the application to open the sales order from the Exact Globe backoffice in Synergy.



In a request this browser will look like



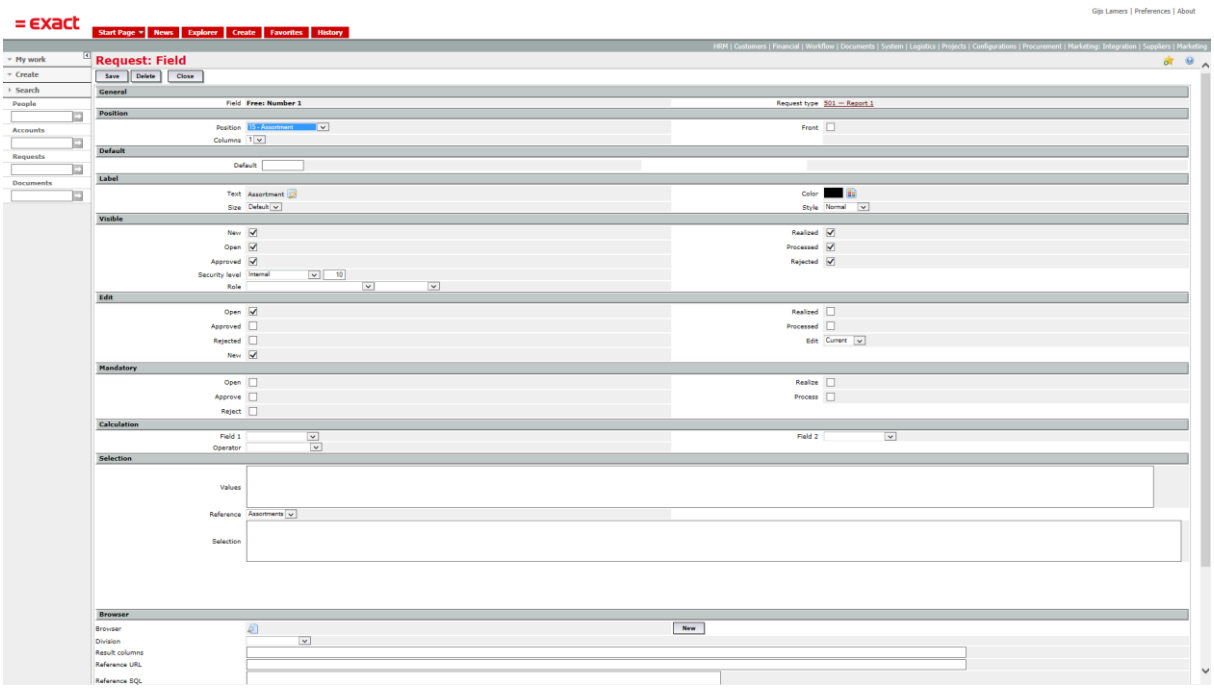
4.9.5 *Item field depending on assortment freefield: Browser dependency on other request field in the request*

You can add a standard item request field to the request which has a selection option this selection is fixed and can't be made dependable on other fields in the request. This is possible with the browse field option.

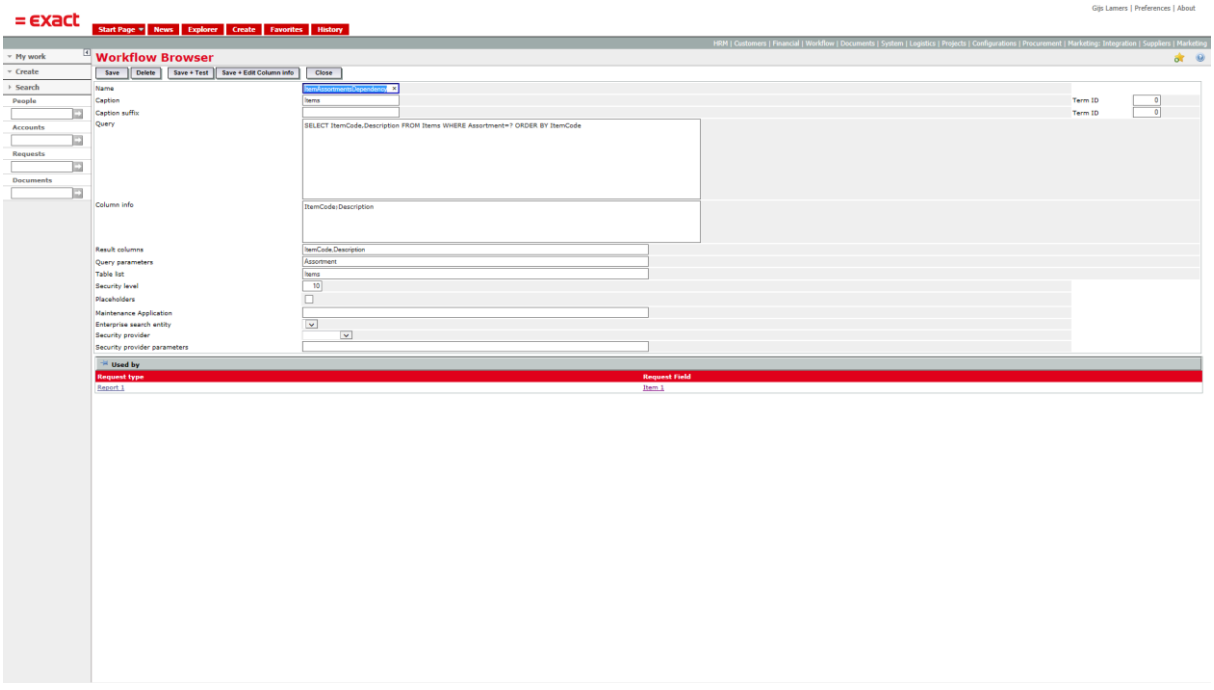
In addition to the free fields having the browse section to link your own browser also the standard browse request field like item1, item2, person and project will have the browse section to link your own browser. This browse will then replace the standard browser.

In this example we will make a browser which depends on an assortment freefield. In this case when browsing only the items will be shown which are linked to the selected assortment.

We will use free number field 1 as the assortment field with the standard reference selection: Assortments.



For the standard item field we will create a new item browser 'ItemAssortmentsDependency', this browser will replace that standard browser.



The **Query** 'SELECT ItemCode,Description FROM Items WHERE Assortment = ? ORDER BY ItemCode. The '?' will be replaced by the value in the field which is the reference field in this case the Number field 1.

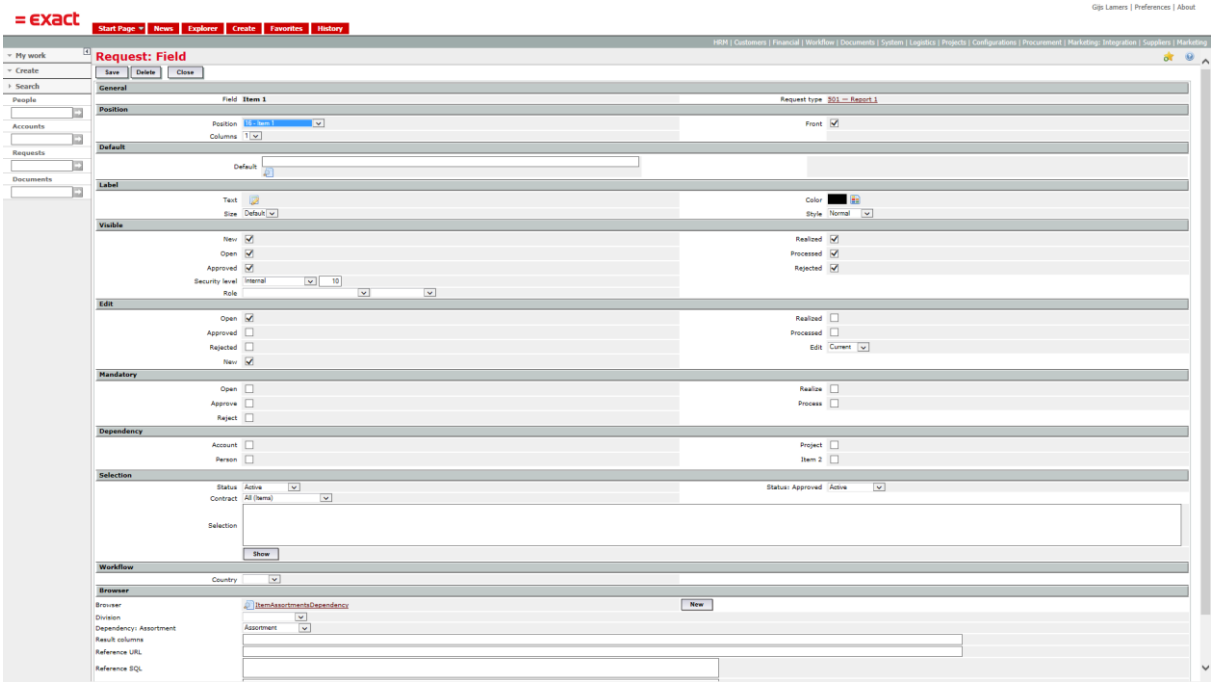
The **Column info** 'ItemCode;Description' can be maintained via the 'Save + Edit Column info'.

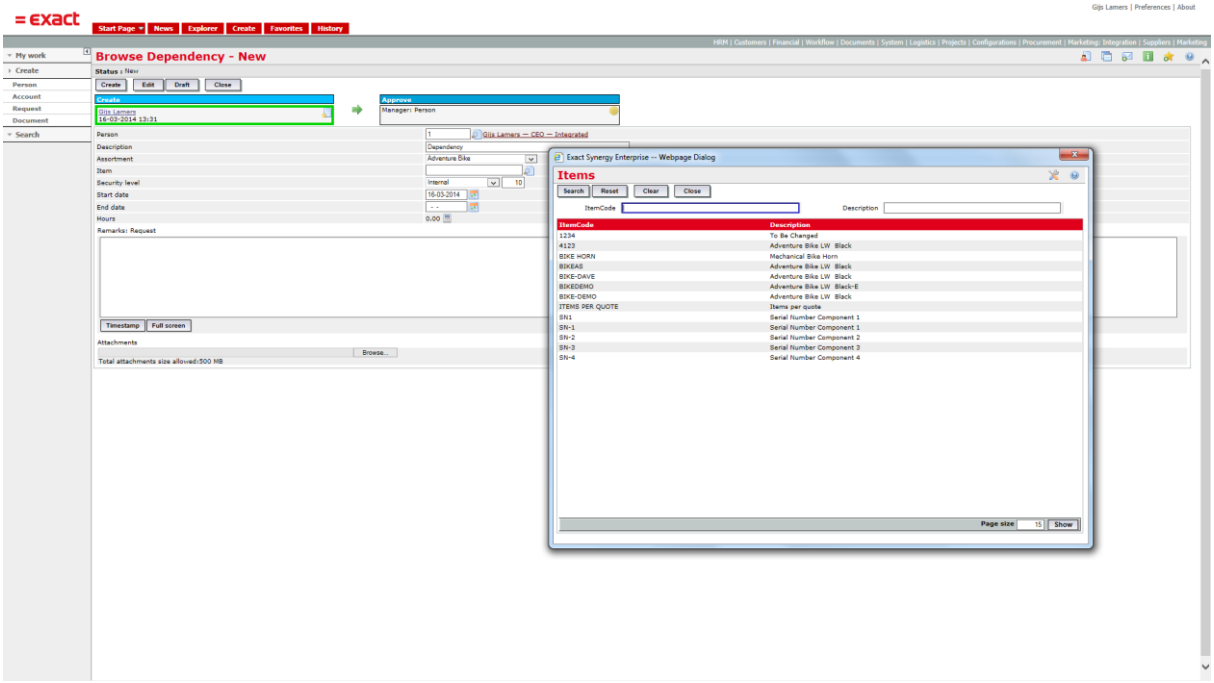
The **Result colums** 'ItemCode,Description' are the key and the description which should be shown at the browser, the fields are separated by a ','.

The **Query parameters** 'Assortment' will be the field/column which has the '?' in the where clause. This field need to be linked to the field on which the item browser is depending. The Dependency field in the request field maintenance.

The **Table list** 'Items' is the list of tables in the query including the alias if used, separated by a ','.

Once the browser is setup and saved and the Item request fields is opened in the browser section you will see a field 'Dependency: Assortment' and a dropdown box with all the request fields. Select the Free number field 1 (in this case Assortment field as this is the label given to the free number field 1). After saving the item request field the item browse will be depending on the assortment field.





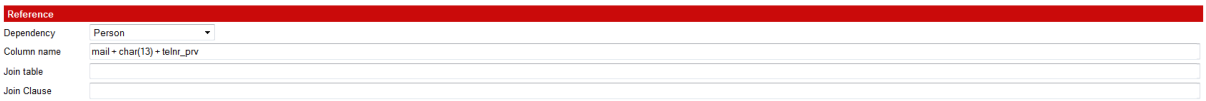
5. Reference field

The reference field feature shows additional data based on other fields in the request. You can show for example address data, phone number, email address from the account field in the request. The data to be shown will be entered in the request field by defining the database fields.

When adding a new request free text field the following section will be avalable

Dependency: The field on which the reference is depending
Column name: The column name of the data to be displayed
Join table: The table to join on the dependency column, the join table will be used in case you want to display data which is not in the dependency table but in a related table.
Join clause: The join clause for the join table

5.1.1 New reference: email + phone number of person



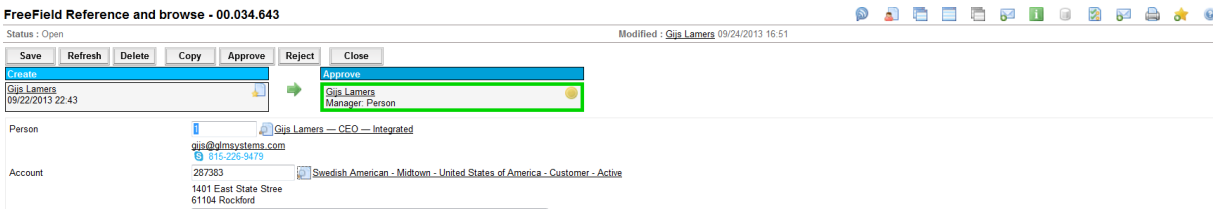
Mail and telnr_prv are columns in the humres table for email address and phone number (the table used by the person field). By separating them with '+ char(13) +' the phone number will be displayed below the email address.

5.1.2 New reference: address detail for parent account

Reference
Dependency
Account
Column name
ISNULL(c2.cmp_fadd1,'') + char(13) + ISNULL(c2.cmp_fadd2,'') + char(13) + ISNULL(c2.cmp_fadd3,'') + char(13) + ISNULL(c2.cmp_fadd3,'') + char(13) + ISNULL(c2.cmp_fpc,'') + ' ' + ISNULL(c2.cmp_fcity,'')
Join table
cicmpy c2
Join Clause
c2.cmp_wwn = cicmpy.cmp_parent

The column name adds the address 1, address 2, address 3, postcode and city together. The join table is the accounts table and the join clause is the join to the parent account.
The ISNULL is used in the query in case one of the columns doesn't have a value otherwise the result will always return 'NULL'.

The result in the request will look like:



5.2 Role Access Level

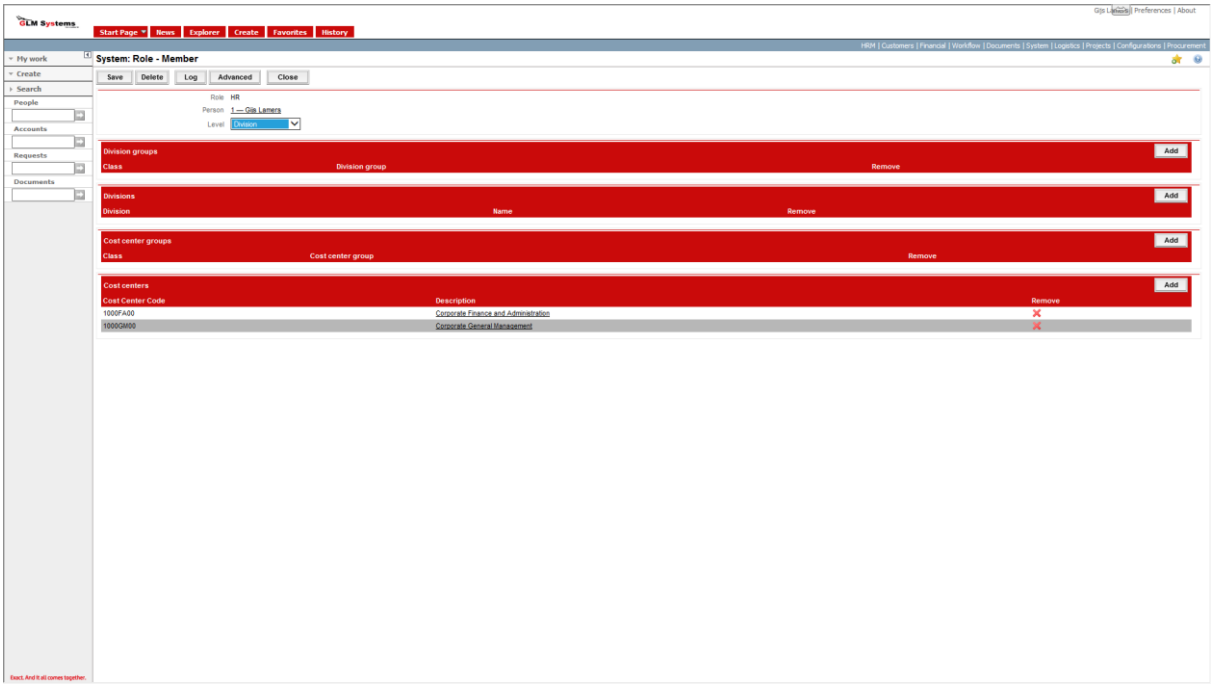
In Synergy you have the option to assign a role to a person with one of the following levels: corporate, group, division, cost center group and cost center.

When the division level is assigned for a role and this is also linked in a request type with the level division the person(s) which has/have the division level will get the request assigned.

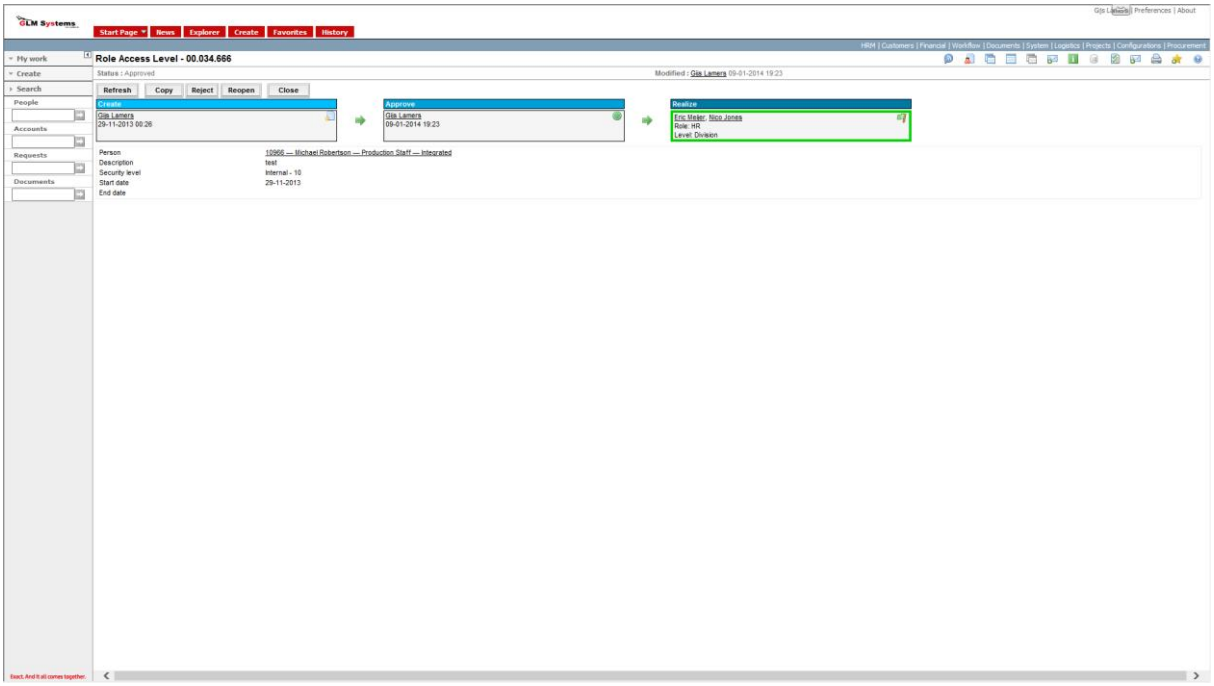
Assume a scenario whereby in a division one or more persons in the HR cost center should get a request for the cost centers HR, IT and Finance and not for Operations. The requirement is that only the request which have the person from HR or IT or Finance should be assigned to the person(s) in the HR cost center. With the current standard implementation of the role levels this is not possible. When I set the level to division also requests for the operations cost center will be assigned to the person responsible for HR, IT and Finance. Setting the level to cost center group could be possible but in this case HR, IT and Finance are not in the same cost center group. Setting the level at cost center will also not work as the request for cost center HR, IT and Finance should be routed to the HR person(s).

The new role access level workflow plus feature will make this possible as for each role linked to a person additional division group(s), division(s), cost center group(s) and/or cost center(s) can be added. So in this case we can add the HR, IT and Finance cost center to this person role. This means that this person will only get a request assigned when a person is in the HR, IT or Finance cost center and not in Operations.

Below screenshot shows that two cost centers are assigned to the HR role on division level for Gijs Lamers.

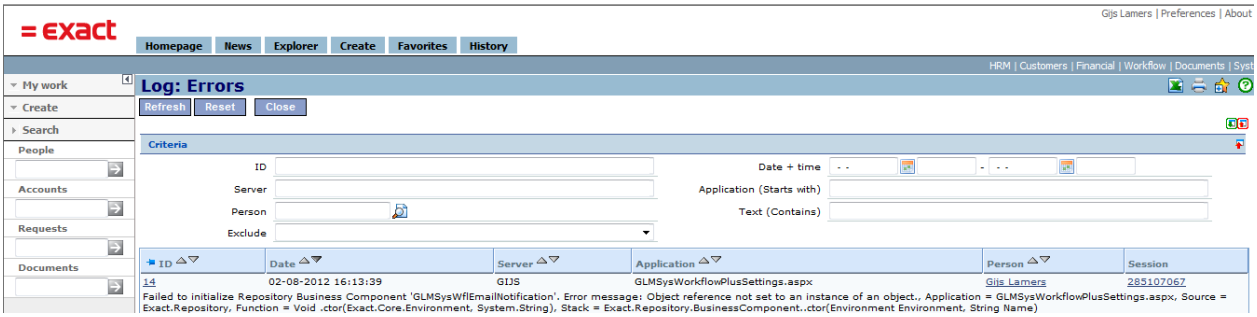


In the request the realize step is for persons in the HR division role. The person linked to the request is not in the cost center linked to Gijs Lamers so he will not be assigned.

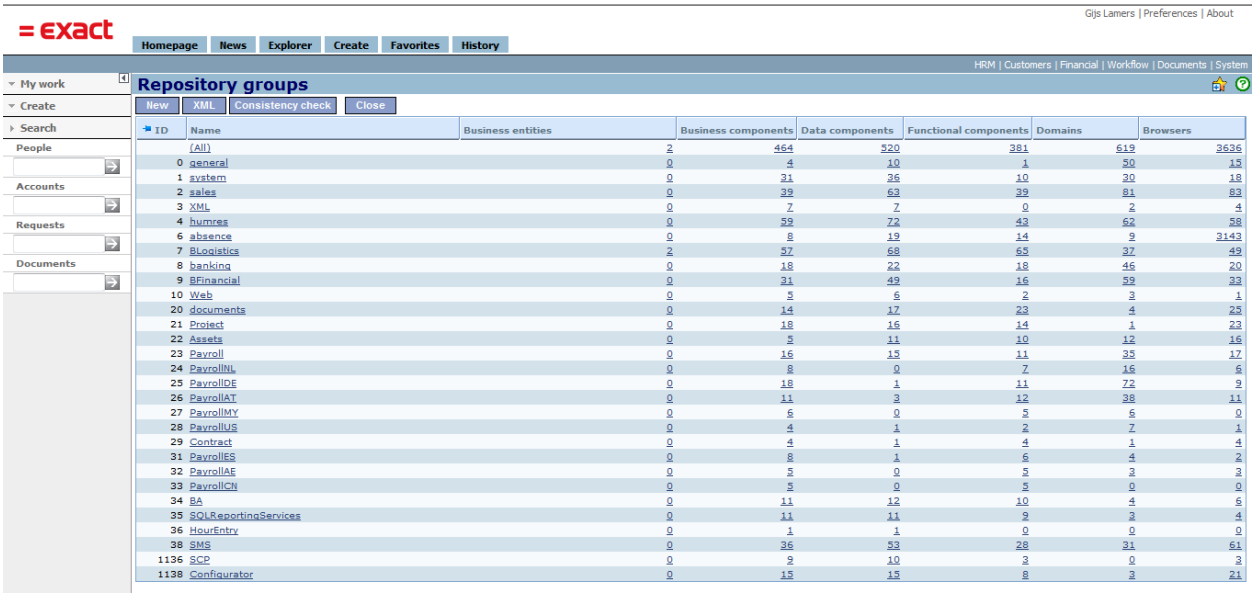

Start Page
News
Explorer
Create
Favorites
History
Role Access Level - 00.034.666
Refresh
Copy
Reject
Reopen
Close
Create
Approve
Realize

6. Troubleshooting

6.1 Opening workflow plus settings: Failed to initialize Repository Business Component 'GLMSysWflEmailNotification'……



This message is caused by a missing repository for the workflow plus add-on. To confirm the repository is missing you can look at the repository (System / Setup / Repository / Explorer)

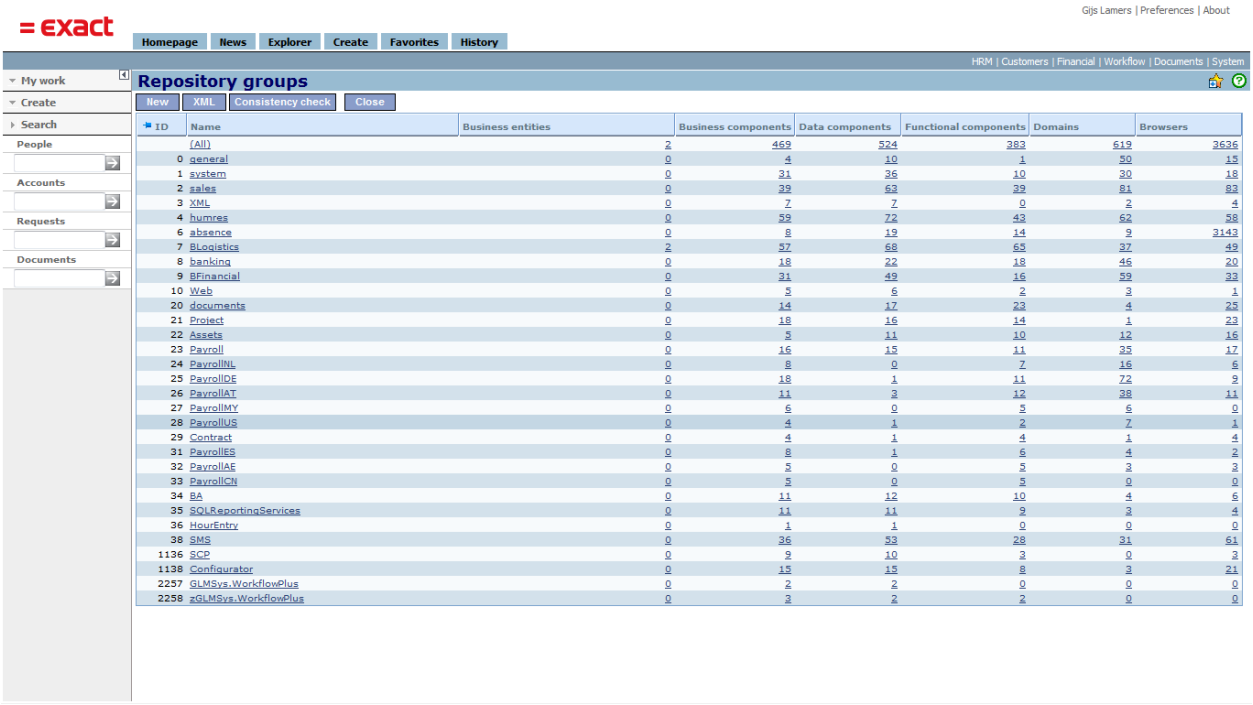

exact
Gijs Lamers | Preferences | About
Homepage
News
Explorer
Create
Favorites
History
HRM | Customers | Financial | Workflow | Documents | System
My work
Create
Search
People
Accounts
Requests
Documents
Repository groups
New
XML
Consistency check
Close
ID
Name
Business entities
Business components
Data components
Functional components
Domains
Browsers
(All) 2 464 520 381 619 3636
0 general 0 4 10 1 50 15
1 system 0 31 36 10 30 18
2 sales 0 39 63 39 81 83
3 XML 0 7 7 0 2 4
4 humres 0 59 72 43 62 58
6 absence 0 8 19 14 9 3143
7 BLogistics 2 57 68 65 37 49
8 banking 0 18 22 18 46 20
9 BFinancial 0 31 49 16 59 33
10 Web 0 5 6 2 3 1
20 documents 0 14 17 23 4 25
21 Project 0 18 16 14 1 23
22 Assets 0 5 11 10 12 16
23 Payroll 0 16 15 11 35 17
24 PayrollNL 0 8 0 7 16 6
25 PayrollDE 0 18 1 11 72 9
26 PayrollAT 0 11 3 12 38 11
27 PayrollMY 0 6 0 5 6 0
28 PayrollUS 0 4 1 2 7 1
29 Contract 0 4 1 4 1 4
31 PayrollES 0 8 1 6 4 2
32 PayrollAE 0 5 0 5 3 3
33 PayrollCN 0 5 0 5 0 0
34 BA 0 11 12 10 4 6
35 SQLReportingServices 0 11 11 9 3 4
36 HourEntry 0 1 1 0 0 0
38 SMS 0 36 53 28 31 61
1136 SCP 0 9 10 3 0 3
1138 Configurator 0 15 15 8 3 21

In the above screen shot you don't see the group GLMSys.WorkflowPlus and zGLMSys.WorkflowPlus. Which indicates the repository is missing.

Check the Synergy installation folder and see if the files Repository.GLMSys.WorkflowPlus.xml and Repository.zGLMSys.WorkflowPlus.xml are available in your Synergy installation xml folder.

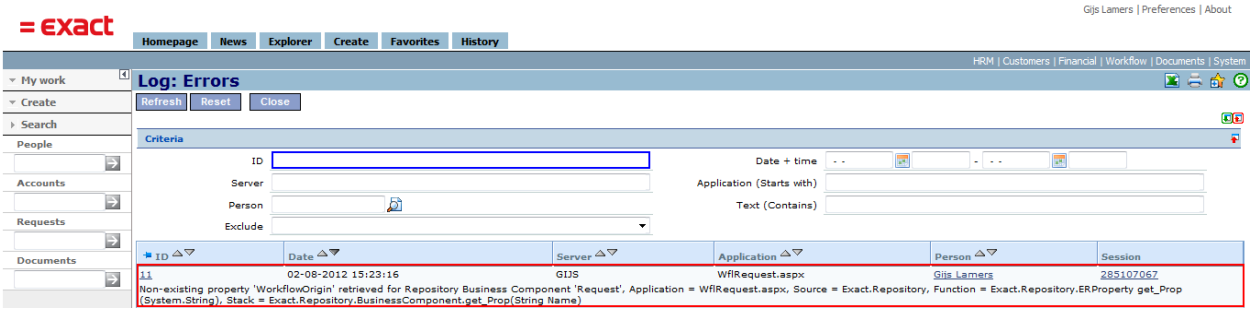
When the two files are available the repository need to be rebuild. Rebuilding the reposiory is done via System / Setup / Repository / Rebuild.

After the rebuild the group GLMSys.WorkflowPlus and zGLMSys.WorkflowPlus should be visible in the repository explorer, System / Setup / Repository / Explorer


= exact
Gijs Lamers | Preferences | About
Homepage
News
Explorer
Create
Favorites
History
HRM | Customers | Financial | Workflow | Documents | System
My work
Create
Search
People
Accounts
Requests
Documents
Repository groups
New
XML
Consistency check
Close
ID
Name
Business entities
Business components
Data components
Functional components
Domains
Browsers
(All) 2 469 524 383 619 3636
0 general 0 4 10 1 50 15
1 system 0 31 36 10 30 18
2 sales 0 39 63 39 81 83
3 XML 0 7 7 0 2 4
4 humres 0 59 72 43 62 58
6 absence 0 8 19 14 9 3143
7 BLogistics 2 57 68 65 37 49
8 banking 0 18 22 18 46 20
9 BFinancial 0 31 49 16 59 33
10 Web 0 5 6 2 3 1
20 documents 0 14 17 23 4 25
21 Project 0 18 16 14 1 23
22 Assets 0 5 11 10 12 16
23 Payroll 0 16 15 11 35 17
24 PayrollNL 0 8 0 7 16 6
25 PayrollDE 0 18 1 11 72 9
26 PayrollAT 0 11 3 12 38 11
27 PayrollMY 0 6 0 5 6 0
28 PayrollUS 0 4 1 2 7 1
29 Contract 0 4 1 4 1 4
31 PayrollES 0 8 1 6 4 2
32 PayrollAE 0 5 0 5 3 3
33 PayrollCN 0 5 0 5 0 0
34 BA 0 11 12 10 4 6
35 SQLReportingServices 0 11 11 9 3 4
36 HourEntry 0 1 1 0 0 0
38 SMS 0 36 53 28 31 61
1136 SCP 0 9 10 3 0 3
1138 Configurator 0 15 15 8 3 21
2257 GLMSys.WorkflowPlus 0 2 2 0 0 0
2258 zGLMSys.WorkflowPlus 0 3 2 2 0 0

Open the workflow plus settings again and the message is disappeared.

6.2 Opening a request: Non-existing property 'WorkflowOrigin' retrieved for Repository business Component



See solution given in 4.1.1. The repository needs to be rebuilt.

6.3 Repository failed to create class "GLMSys.WorkflowPlus.Repository.RequestExtension' from assembly

When opening a request and you get the message 'Repository failed to create class "GlmSys.WorkflowPlus.Repository.RequestExtension" from assembly "GlmSys.WorkflowPlus.Repository": could not load file or assembly "GlmSys.WorkflowPlus.Repository.dll" or one of its dependencies. The system cannot find the file specified' this is most likely after you have uninstalled the workflow plus add-on.

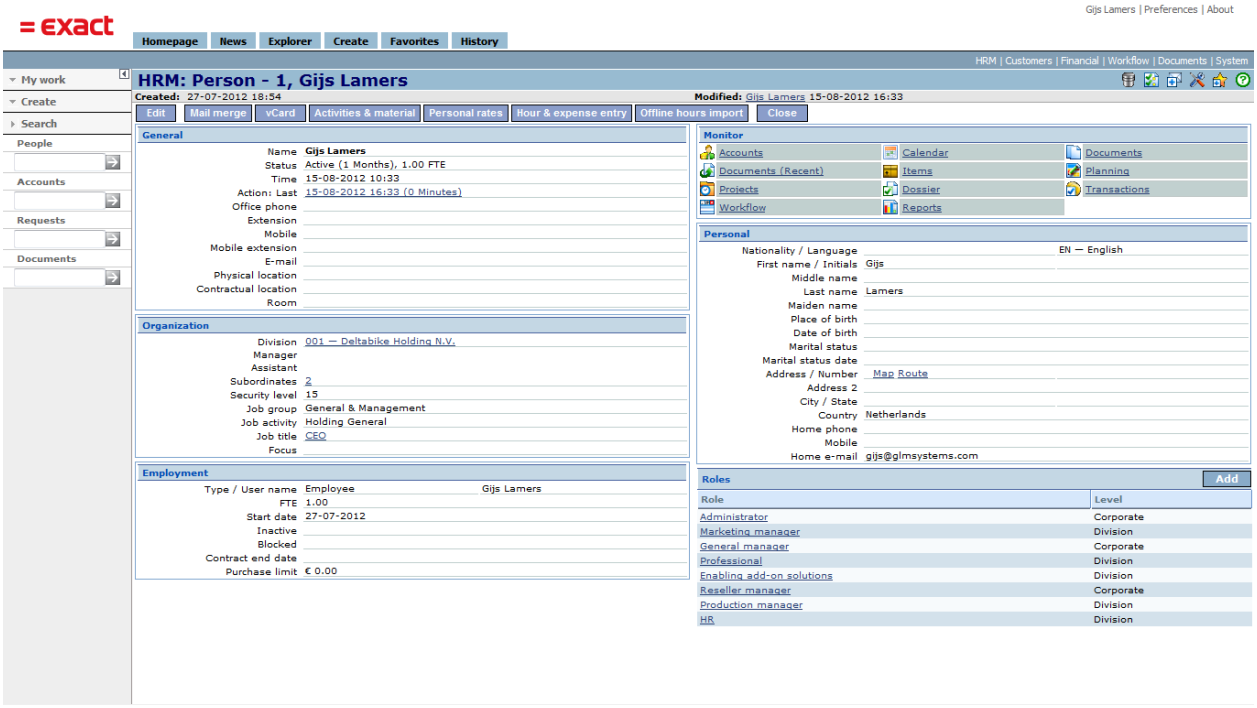
To remove this message a repository rebuild need to be done. After rebuild of the repository this message will not be shown anymore.

6.4 Workflow email notification: Failure sending email. The remote name could not be resolved '[your email server]'

This message is given when there is no internet connection. Make sure you have a connection.

6.5 Workflow email notification: Value cannot be null. Parameter name address

This message is given when the email address is not set for the person who should receive the email. Check the persons who are supposed to get the email and confirm the email field is set.



6.6 Server Error or Compilation error

Server Error in '/Synergy' Application.

Compilation Error

Description: An error occurred during the compilation of a resource required to service this request. Please review the following specific error details and modify your source code appropriately.

Compiler Error Message: BC32206: The project currently contains references to more than one version of Exact.Core, a direct reference to version 5.0.0.336 and an indirect reference (through GLMSys.WorkflowPlus.PageExtension.WorkflowPlusSettingsExtension.New') to version 5.0.0.338. Change the direct reference to use version 5.0.0.338 (or higher) of Exact.Core.

Source Error:

```
Line 93:         Dim workflowPlusSettings As GLMSys.WorkflowPlus.PageExtension.WorkflowPlusSettingsExtension
Line 94:
Line 95:         workflowPlusSettings = New GLMSys.WorkflowPlus.PageExtension.WorkflowPlusSettingsExtension(Page, env)
Line 96:
Line 97:         If IsNothing(Employee.Value) Then
```

Source File: C:\Synergy\docs\GLMSys\WorkflowPlusSettings.aspx **Line:** 95

Compiler Warning Messages:

Show Detailed Compiler Output:

When opening the workflow plus settings application and a message as shown above is given this means there is a conflict in versions.

In this case let your vendor know which Synergy version you are currently using to make sure the correct version of the workflow plus settings tool is installed.

To solution for this problem will be either updating Synergy to make sure you have the latest versions of all components or installing a different version of the Workflow Plus tool.

6.7 Email is not send out and no message in the error log (1)

Open the Exact.ServiceLocation.config in your Synergy installation XMD folder and check if the following line can be found:

<service name="GLMSysWflSendEmail" path="xmd\Exact.Metadata.GLMSysWflSendEmail.xml" bcname="GLMSysWflSendEmail" description="Workflow send email" operationsprovidername="Exact.EntityOperations.ESE" entitiesoperationprovidername="Exact.EntitiesOperations.ESE" fixedcriteriapath="" />

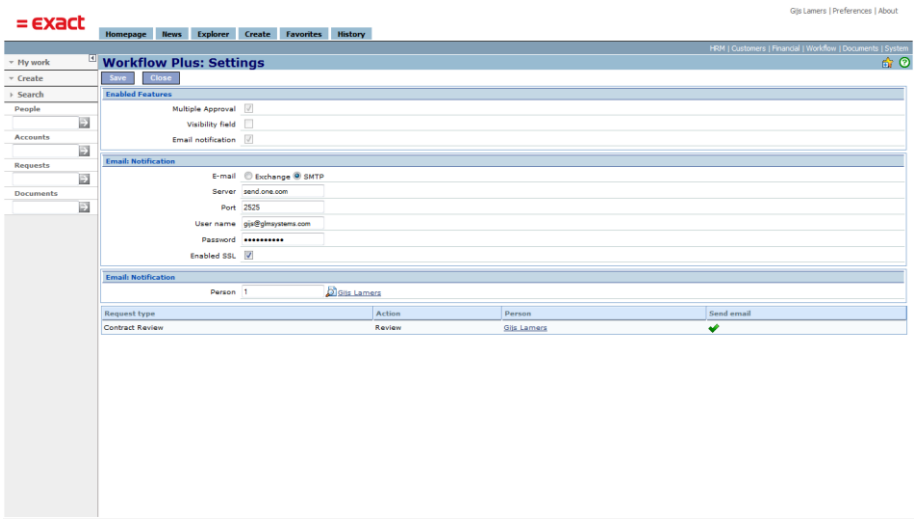
In case this line is missing in the Exact.ServiceLocation.config run the 'Generate metadata' as described in paragraph 2.3. After running the generate metadata run an IISRESET

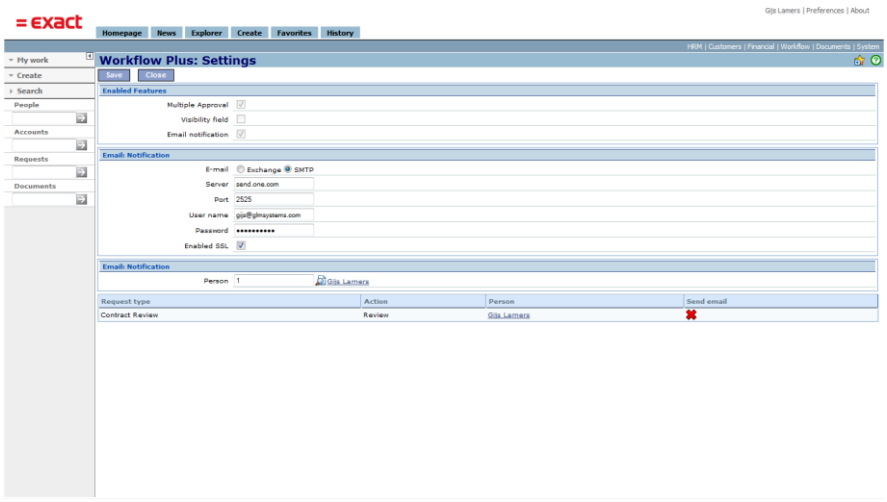
6.8 Email is not send out and no message in the error log (2)

This can be related to the workflow plus settings as described in paragraph 4.5

In the section Email: notification there is a list where you can see per person if an email need to be send. First select the person which is not receiving any email.

In case the send email column has a green check this person will receive an email for the related request action. In case the send email column has a red cross this person will not receive an email for the related request action.

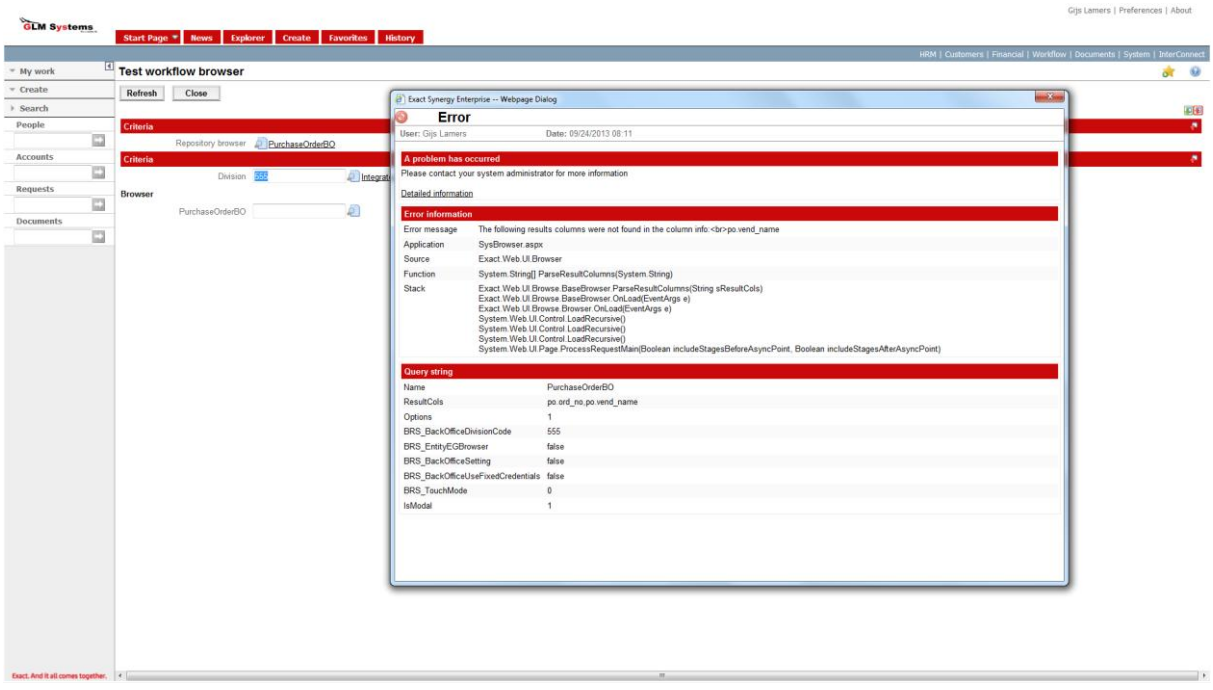




Newly created users need to be selected via the person field, upon selection the correct entries will be created and this person will also receive email.

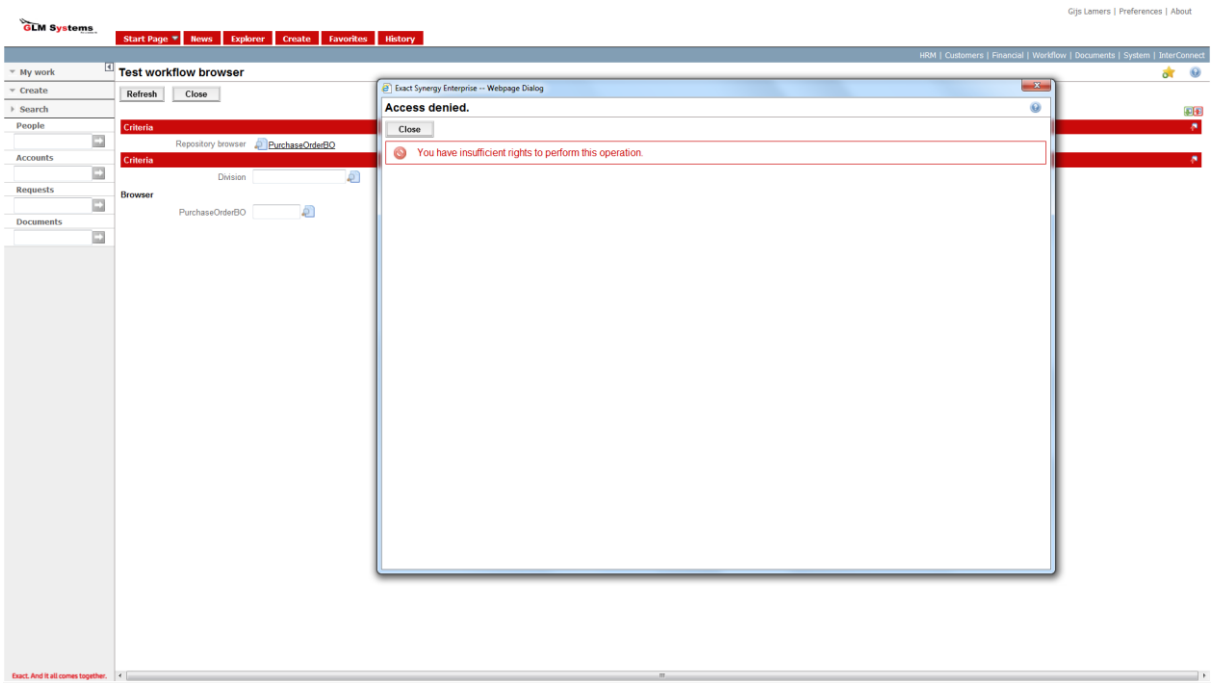
6.9 Browser: The following result columns where not found in the column info

This happens when the columns specified in the result columns are not in the colinfo. Change the result columns in the browse to use the correct columns.



6.10 Browser: You have insufficient rights to perform this operation

This happens when the browser can't be found. When testing the browser which is a division browser the division should first be selected.



6.11 No Valid License Installed

When an error message like this appears, please contact us so that we can review your Synergy Enterprise license from Exact and determine if changes were made to it that affect the GLM Licensing.

Error Message

WorkflowPlus
No valid license installed.
Number: 140965:101:007
Name: Exact Synergy Enterprise.

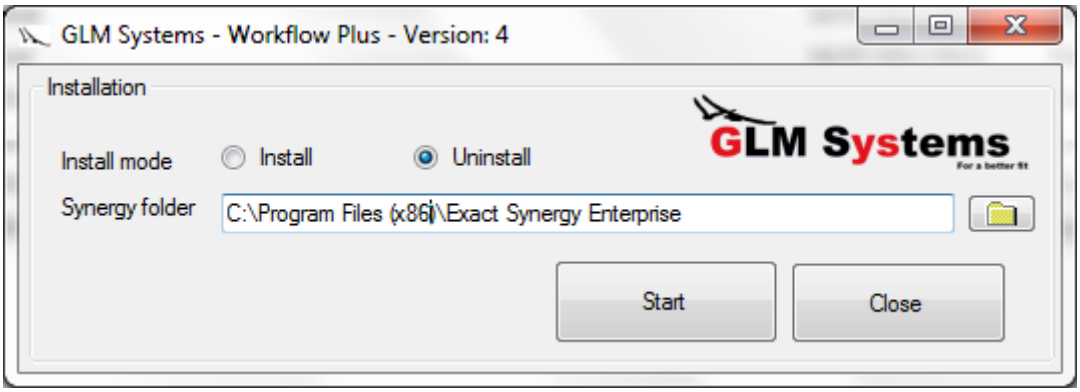
We recommend before updating the Synergy License (either for new Functionality, Annual Contract or Additional Users) to contact GLM Systems first so that we may review and if necessary, provide a new license proactively.

7. Uninstall

Uninstalling of the Workflow Plus add-on consist of two steps

1. Run the installer GLMSysAddOnInstaller.exe in the uninstall mode

   Open the GLMSysAddOnInstaller.exe and select install mode 'Uninstall'. Select or enter the location of the Synergy installation folder.



   To uninstall click start. The uninstall will remove the customization files from your Synergy folder and will copy back the original Synergy files.

2. Rebuild repository

   To make the uninstall complete open Synergy and rebuild the repository via System / Setup / Repository / Rebuild.